

Jenny Gillan

# Music Analysis

## Listening Beyond Hearing

4<sup>th</sup> Edition

Analysis of previously unheard music

**Student eBook**



“Every once in a while I discover a book that offers a fresh and innovative approach to music teaching and learning, that is accessible and a delight to work through. Jenny Gillan’s book, *Listening Beyond Hearing*, is one of these books!”

*Prof. David Elliott - New York University*

**4<sup>th</sup>  
Edition**

# **Music Analysis: Listening Beyond Hearing**

**4th Edition**

**Student eBook Edition**

**Jenny Gillan**

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# Music Analysis: Listening Beyond Hearing

By Jenny Gillan

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# Contents

Preface .....	vii
<b>Chapter I - Melody.....</b>	<b>1</b>
Melodic Contour Match up.....	3
Melodic Description Match Up.....	4
Description.....	5
General Character or Mood.....	5
Musical Character Spectrum .....	6
Musical Character Exercise .....	7
Character through Melody Activity.....	8
Melody Practice Example One .....	9
Melody Practice Example Two .....	13
Mnemonic Device - Melody.....	17
Melodic Analysis - Question One .....	19
Melodic Analysis - Question Two .....	20
Melodic Analysis - Question Three .....	21
Melodic Analysis - Question Four .....	22
Melodic Analysis - Question Five .....	23
<b>Chapter IA - Improvisation.....</b>	<b>25</b>
Improvisation Analysis.....	26
Ornamentation and Embellishment Techniques .....	26
Rhythm .....	28
Melodic Techniques .....	29
Listening Example .....	32
Quick fire questions.....	34
Rhythm and Syncopation .....	36
Improvisation Analysis - Question One .....	39
Improvisation and Character.....	40
LONGER QUESTIONS.....	41
Improvisation Analysis - Question Two.....	41
Improvisation Analysis - Question Three.....	42
Improvisation Analysis - Question Four.....	43
<b>Chapter II - Rhythm.....</b>	<b>45</b>
Rhythmic Reading and Matching Activity .....	47
Rhythmic Description Match Up.....	49
Description.....	51
General Character or Mood.....	51
Musical Character Spectrum .....	52
Character through Rhythm Activity .....	53
Rhythm Practice Example One.....	54
Rhythm Practice Example Two .....	58
Rhythm - Mnemonic Device.....	62
Rhythm Summary.....	63
Rhythmic Analysis - Question One .....	64
Rhythmic Analysis - Question Two .....	65
Rhythmic Analysis - Question Three .....	66
Rhythmic Analysis - Question Four .....	67
Rhythmic Analysis - Question Five .....	68

<b>Chapter IIA - Tempo Revision .....</b>	<b>69</b>
Tempo Revision.....	70
Tempo Activity 1.....	72
Tempo Activity 2 .....	72
Tempo Activity 3 .....	73
Tempo Activity 4 .....	73
Listening Question.....	74
<b>Chapter III - Tone Colour.....</b>	<b>77</b>
Tone Colour Vocabulary .....	79
Influences on Tone Colour .....	81
Tone Colour/Timbre Descriptive Word List.....	82
Combinations.....	83
Word Search Exercise.....	84
Tone Colour Spectrum .....	85
Spectrum Activity.....	85
Tone Colour Examples .....	86
Tone Colour and Character .....	88
Tone Colour Analysis Template.....	89
Tone Colour Analysis.....	90
Memorising Tone Colour Descriptive Words.....	92
Tone Colour Analysis - Question One .....	93
Tone Colour Analysis - Question Two.....	94
Tone Colour Analysis - Question Three.....	95
<b>Chapter IV - Texture .....</b>	<b>97</b>
Homophonic Texture.....	98
Polyphonic Texture.....	99
Monophonic Texture .....	100
Biphonic Texture .....	101
Heterophonic Texture.....	102
Other Textures .....	103
Textural Analysis .....	105
Description Match Up.....	106
Texture Creating Character.....	107
Textural Description Match Up.....	108
Texture Practice Example One .....	109
Texture Practice Example Two.....	112
Texture Analysis - Question One .....	115
Texture Analysis - Question Two .....	116
Texture Analysis - Question Three .....	117
<b>Chapter V - Blend &amp; Balance of Instrumental Voices.....</b>	<b>119</b>
Approach .....	120
Blend Identification .....	122
How does the Blend and Balance of Musical Voices Create Character? .....	123
Blend & Balance Analysis - Question One .....	125
Blend & Balance Analysis - Question Two .....	126
Blend & Balance Analysis - Question Three .....	127

<b>Chapter VI - Dynamics .....</b>	<b>129</b>
Dynamic Analysis Strategy .....	130
Dynamics Terminology .....	131
Dynamics Analysis Task.....	133
Dynamic Change and its Causes.....	135
Irony in Dynamics .....	140
Word Painting .....	141
Dynamics Reflective of a Mood .....	143
Silence.....	143
Dynamics and Character (mood).....	145
Restraint .....	147
Dynamics Analysis - Question One.....	148
Dynamics Analysis - Question Two .....	150
Dynamics Analysis - Question Three .....	151
<b>Chapter VII - Articulation.....</b>	<b>153</b>
Articulation Activities .....	154
Common Vocal Articulation .....	158
Articulation Analysis - Exercise 1 .....	160
Instrument Specific Articulation .....	164
Articulation Application Exercise 1.....	166
Articulation Application Exercise 2.....	167
Articulation and Character.....	168
Articulation Analysis - Question 1 .....	169
Articulation Analysis - Question 2 .....	170
Articulation Analysis - Question 3 .....	171
Articulation Analysis - Question 4.....	172
<b>Chapter VIII - Harmony.....</b>	<b>175</b>
Harmonic Techniques.....	176
Types of Harmony .....	179
Harmonic Types & Techniques Exercises .....	183
Patterns in Harmony.....	188
Tension and Resolution .....	190
Harmonic Rhythm.....	191
Harmony and Character.....	193
Harmony Analysis - Question 1.....	194
Harmony Analysis - Question 2 .....	195
Harmony Analysis - Question 3 .....	196
Harmony Analysis - Question 4.....	197
Harmony Analysis - Question 5 .....	198
<b>Chapter IX - Form.....</b>	<b>201</b>
Form .....	202
The structure of a piece of music .....	202
Form Terminology .....	203
Common Forms.....	204
Form Analysis Exercise 1.....	205
Form Description Activity 1 .....	206
Form Description Activity 2.....	208
Twelve Bar Blues Form Analysis Activity.....	210
Form Analysis - Question 1 .....	211

Form Analysis - Question 2 .....	213
Form Analysis - Question 3 .....	214
Form Analysis - Question 4 .....	216
Form Analysis - Question 5 .....	217
<b>Chapter X - Comparison of Interpretation.....</b>	<b>221</b>
Comparison Introduction .....	222
Comparison Exercise 1.....	223
Quick Comparison Activity .....	224
Comparative Analysis - Question 1.....	225
Comparative Analysis - Question 2 .....	227
Comparative Analysis - Question 3 .....	229
Comparative Analysis - Question 4 .....	231
Comparative Analysis - Question 5 .....	233
Comparative Analysis - Question 6 .....	236
Comparative Analysis - Question 7.....	238
<b>Chapter XI - Quick-Fire Questions.....</b>	<b>241</b>
Dynamics - Example One.....	242
Dynamics - Example Two .....	242
Dynamics - Example Three.....	243
Tone Colour - Example One .....	243
Tone Colour - Example Two.....	244
Tone Colour - Example Three .....	244
Articulation - Example One.....	245
Articulation - Example Two .....	245
Articulation - Example Three .....	246
Blend of Instrumental Voices - Example One .....	247
Blend of Instrumental Voices - Example Two.....	248
Blend of Instrumental Voices - Example Three .....	248
<b>Appendices.....</b>	<b>249</b>
Additional Summary Exercise .....	251
Glossary of Terms.....	255
Additional Terms .....	272
Musical Examples.....	274
Further Resources.....	280

# Preface

We are surrounded everyday by music—it is all pervasive. It is piped into our ears while shopping, it encourages us to buy through advertising - it is the soundtrack to films, computer games and even our lives, now it is so portable. If you ask anyone about a significant event in their lives, often it will be attached to some special music. Music has the power to move us to tears, to sing in a stadium of thousands, to dance, to be still.

Given the prevalence of music in our everyday lives, an understanding of its effect and WHY it can make us feel a certain way is a vital skill. The biggest compliment paid to me as a teacher of Musical Analysis was from a student who said - “I can no longer listen to music without hearing it.” So to all who wish to comprehend this powerful medium, I give you this book. May it open your ears to the wonder and creativity that is music - and may it supply you with the skills to understand its power.

## Learning Outcomes

At the end of this course students will be able to identify and describe the various elements of music; melody, rhythm, tone colour, texture, blend and balance of instrumental voices and dynamics. They will have an extended vocabulary that they can use to describe these elements.

Students will not only be able to describe the music they hear but identify the various techniques composers and performers use to express a musical character or mood.

## Glossary of Terms

As students work through this book and read through descriptions of music they will come across important terminology needed for analysis. They will need to define these new words as they go in the Glossary at the back of the book. Through this process of seeing the words in context and finding definitions they are more likely to recall the vocabulary when required.

## Assumed Knowledge and Skill Base:

While this text relates mainly to language skills and an ability to describe what is heard in pre-recorded musical examples, it is undeniable that a good understanding of aural and theoretical musicianship will only aid analysis. A student will not be able to identify the contour of a melodic line if they cannot hear when notes go up and down. They will not be able to identify the tonality of a piece of music if they cannot hear the difference between Major and minor. They will not be able to discuss rhythm if they cannot determine time signatures and name simple rhythmic figures; and they will not be able to identify repeated patterns of particular intervals if they cannot identify intervals in the context of a musical work.

To assist with the overall musicianship of your students, I recommend:

<http://www.sightsingingschool.com> - A sight singing resource developed by Mark O’Leary of the Young Voices of Melbourne.

## A note on pedagogy:

Whilst this is not a book on aural skills, some of the sound pedagogical principles I have learned through Kodály’s philosophy of music education have been drawn on for this book. For example, the idea that students need to experience elements of music before they are able to use them. They need to be guided to knowledge in logical, sequential steps. This is different to the ‘exam’ method of teaching where students are only presented with practice examples and expected to get better at answering questions through completing numerous exam questions. Exams are a means of assessment, not a means of teaching. Hopefully a stronger musical foundation is established as a result.

## VCE Music Performance Analysis 2017-2021

The Victorian Certificate of Education states that material used for listening analysis will be “works created by Australian composers/songwriters after 1980 and works by composers working in other times and locations.” I have used many examples of music that fit into this time period but there are others that do not. The reason for this is that the VCE does not require students to write about what makes the piece ‘Australian’ and only asks questions about the musical elements and how they are used. For this reason, responses to analysis questions can be practiced using material that does not fit into this time period or nationality.

### Recorded works

YouTube links have been provided for recorded listening examples. If these links no longer work, information is provided for teachers or students to find the correct musical example through research. If you wish to view the links in class without advertisements, <http://viewpure.com/> will remove these.

Please visit <https://listeningbeyondhearing.com.au/updates/> for corrected links and other information.

### Online Video Footage

While YouTube links are given, the footage is not meant for students to view. Their analysis needs to be aural, and will be much keener if given without visual stimulus.

## About the Author

Jenny currently teaches Musicianship, Analysis and Composition subjects at the Victorian College of the Arts Secondary School. She has a passion for making musical skills, knowledge and experience as accessible as possible. To this end she has studied at the University of Queensland, where she completed her Masters of Music Studies, and at the Kodály Institute in Hungary.

She has taught at the Melbourne University and Melba Conservatoria and a number of secondary schools around Melbourne. She also presents regular workshops in Aural and Analysis Skills for VCE music students.

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To **Rupert Balint-Smith** and **Richard Gijbers** for editing; to **Tony Gillan** for graphic design and formatting.

To my students, past and present, who have taught me and who continue to teach me. In particular my Year 12 2015-16 students at the Victorian College of the Arts Secondary School whose humour and analysis skills have been a constant source of inspiration. **Andre Sasalu, Jem Sherwill, Miles Johnston**, and **Jessie Eastwood** from the class of 2015 have kindly provided many of their sample responses which show different approaches to questions. Jessie's charts speak volumes and Miles', Jem's and Andre's output has been thorough, abundant and insightful. It is because of students like these that I became a teacher! To my former students - **Mateusz Gwizdalla**, who with great skill has composed the musical examples and arranged them in different textures or harmonies; and to **Emma Casey** and **William Soo**, whose sample responses are models of good analysis. Also, to **Tess Kisilevich** and **Eliza O'Connor** who worked on video resources; and **Timothy Mallis** <http://timothymallis.com.au/> who did not know me initially but agreed to compose for the book anyway!

To the staff at *Cafe From On High* in Prahran who gave me a safe haven to write.

To the Australian Composers I have contacted for advice and links to their music - I am grateful for the generosity these talented people have shown without exception. They have freely shared their knowledge and resources with me and have quickly responded to my enquiries. Their enthusiastic support of Australian Music Education through their work is most appreciated.

To my friends and colleagues on Facebook who have provided many musical examples when I have run out of ideas and asked for help.

To my beloved colleagues, **Anna van Veldhuisen, Gab Ibbott, Matt Pankhurst, Ian Whitehurst, James Le Fevre** and **Sue Lyons** at the Victorian College of the Arts Secondary School. Your wise counsel, advice and humour have made this the best job in the world. Teaching with and alongside you has been, and remains, a true joy and privilege.

Finally, to my mentors and teachers, in particular **Melanie Starkey** who started it all when I was in year 12 at Blackburn High School. You opened my ears to music and revealed the marvel and skill of composers through time, so that I can now no longer 'just hear' music, I am compelled to listen to it!





# Chapter I

## Melody

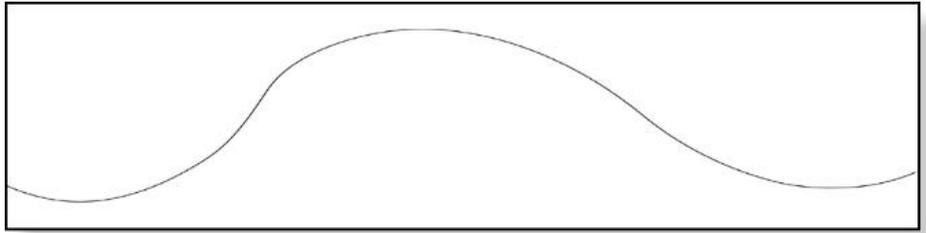
Melody is one of the most complex musical elements to describe with words. However, a lot can be done by drawing on paper, or tracing in the air, the contour of the melody. It is then possible to have a visual reference to describe using the appropriate terminology.

Charting the ascent and descent of a melodic line is a skill that may need to be practiced. Encourage students to trace the contour in the air with their hands in front of them as a group. Start with folk songs or songs with repetitive, predictable contours and work up to more complex material.

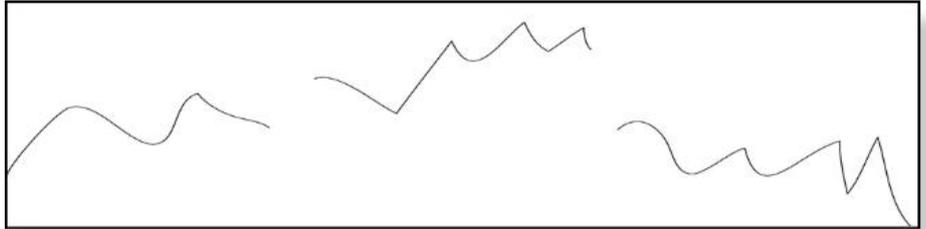
I have been surprised at times how few students can actually show 'where a melody went'. It changed my whole approach to teaching melodic analysis when I discovered that many students could not describe the musical contour of a piece because they could not tell whether the pitch went up or down!

This skill can be improved with practice but the student may need to use large physical movements initially to help with pitch differentiation.

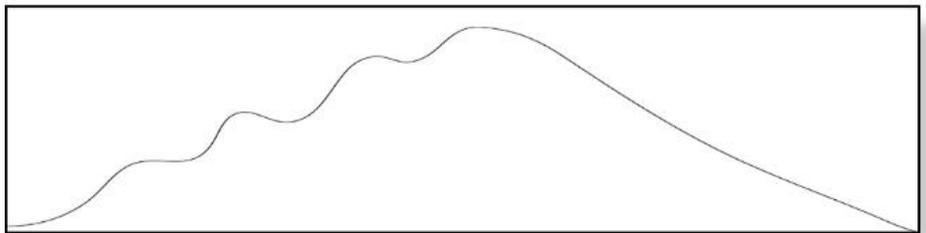
**Melodic Contour:**



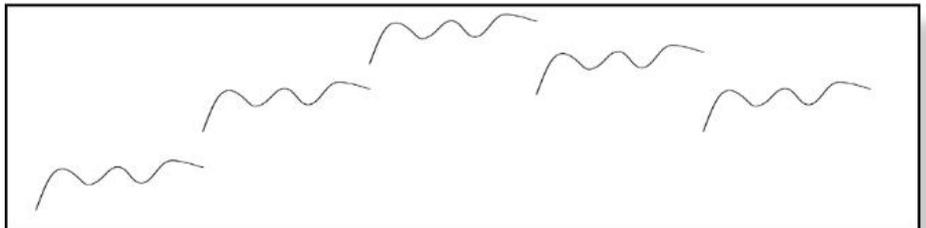
**Melodic Contour:**



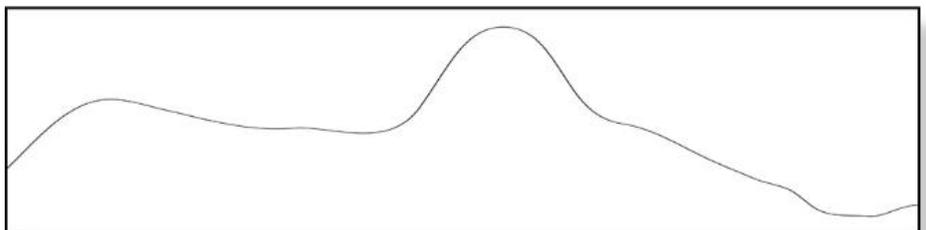
**Melodic Contour:**



**Melodic Contour:**



**Melodic Contour:**



**Melodic Contour:**



# Melodic Contour Match up

1. Read through the following Melodic Contour descriptions as a class.
2. Look up, define and write in your glossary any terms you are unfamiliar with.
3. Trace the contour of each example in the air with your hand, then draw on paper.
4. Match each contour with the picture drawn on the next page.

## Melodic Contour 1

Has contrasting sections. Section one has a flowing contour which rises and falls using mostly stepwise motion and has a limited range. Section two has an angular, jagged contour that rises and falls, using large intervallic leaps which decrease in size. Section three is reminiscent of the first section yet uses an even smaller melodic range and rises at the end of the phrase.

## Melodic Contour 2

Contrasting phrases have similar ranges but vary in register from middle to high, then low. The melodic contour of all three sections is erratic and unpredictable though ascending lines are often balanced by descending lines. The middle, climactic phrase reaches extremes of the high register before dramatically dropping in range for the third phrase. This third phrase balances the intensity of the climax through its lower range and register.

## Melodic Contour 3

Using sequential, fragmented movement, the climax of this melody continues this logical progression before cascading down in pitch, again using sequential motion. The melody itself spans a wide melodic range but the range of each sequential unit is fairly limited.

## Melodic Contour 4

The smooth contour of this melody leads gently up to its climax, gradually building in register. This ascending movement is balanced by a scalar line that descends lower than its starting pitch.

## Melodic Contour 5

Starting on the tonic, this melody rises gradually using sequential movement which builds its intensity. The range is extended and climax reached through stepwise intervals. The climax is left in the same way. A chromatic run then descends back to the tonic and contrasts, through its descent, the melody's gently rising opening.

## Melodic Contour 6

Flowing and lyrical, this melody rises to a central, gently approached climax. The climax is left the same way it is reached, creating a balanced, arch-like contour for the whole melody.

# Melodic Description Match Up

1. Read through the following descriptions as a class.
2. Look up, define and write in your glossary any terms you are unfamiliar with.
3. Draw the contour of each description example in the air with your hand, then on paper.
4. Listen to the excerpts as played by your teacher; trace their contour as you hear them; number the order in which you hear them.

Number	Description
	1. An unfolding contour in a minor tonality. Ascends in a scalic pattern to the upper tonic before descending using wider intervals in an arpeggiated fashion. The second half of the melody contains more erratic leaps which imply two melodic lines, one higher and one lower. This second melody seems to modulate and repeat at a higher pitch. The accompaniment consists largely of flowing scalic movement.
	2. A sinister character is created through a repeated descending minor 2nd interval. This is balanced by an ascending line that extends this initial theme. The range is limited.
	3. A repeated arpeggiated accompaniment contrasts with a more erratic, ornamented melody that ascends and descends rapidly. This is balanced by longer held pitches that occur at the end of each short phrase, each with a Major 2nd interval. The major tonality is complimented by a lyrical, folk-song style containing repeated phrases.
	4. This piece's main motif is based around the descending Major scale. The accompanying melodic line uses an occasional chromatic/raised note (5th degree) and uses contrary motion in contrast to the main melodic line. Between sections, the lower melodic line's ascending Major scalic run complements the main melody's descending scalic run.
	5. The lowest accompanying line uses a repeated interval: a rising perfect 5th, while the main melody uses falling then rising 4ths. Contrasting with this are sequential scalic runs that have the same range of a 4th. This melody is repeated at the 8ve.
	6. The conversational elements of this melody are emphasized by the use of repeated notes and the use of syllabic phrases. Lyrics are often repeated with the final interval ascending first, then descending. The walking bass line uses some chromaticism.

# Description

The description of a piece refers to its general movement and overall impression. For example, the melody could be 'simple' or 'child-like'; 'complex' or 'virtuosic'; 'meandering' or 'improvisatory'. These words describe more objectively what the melody is like but they are not general character words, which describe the more subjective mood of a piece.

## General Character or Mood

Character is the mood or 'feel' of a piece of music. The best way of discovering character is to listen and take note of what 'mood words' or 'character words' come into your head - for example 'joyous', 'sombre', 'energetic', 'relaxed'. There are few 'wrong' answers as much of this is subjective, however, you must be able to explain your interpretation of character or mood by providing relevant musical examples. Two different students could legitimately describe the character 'energetic' and 'relaxed' by choosing different musical examples to support their point. Still, some descriptions of character are easier to justify than others through their links to elements of the music. For example, the character word 'uplifting' has immediate and obvious links to musical elements. Anything musical that ascends or moves up, is more directly linked to the idea of 'uplifting'. Thus, 'uplifting' may be a stronger word choice than 'happy'.

For this reason it is a good idea to stay away from simple, general emotive words such as 'happy' and 'sad'. Instead try to use more specific words like 'uplifting' and 'joyous'; or 'energetic' and 'frantic'; or 'melancholic' and 'brooding'.

You may start collecting examples from the music to support a particular character description - for example, an ascending melodic line for a 'joyous' character - and find there is a better character word given the examples you have discovered - eg. 'elated' and 'soaring'. It is not too late to change your words if you find others are more suitable along the way.

### Melodic Features:

Once you have identified the words to describe the mood of a piece, your task is to identify the musical features that contribute to that sense of character.

These features include aspects of Melody such as:

**Contour:** The shape or outline of the melody

**Tonality:** The key or notes of a scale that are used gravitating (or pulling) towards a certain home note or tonic

**Register:** The part of a voice or instrument used to play a melody - high, mid or low

**Range:** The distance between the lowest and highest note in a melody

**Intervals:** The distance between two notes

**Accompaniment-melody relationship:** Any additional, supporting melodic lines. This may include the bass line and harmonic melodic lines, or any counter melodies. In analysis, discuss how these relate to the melody.

**Climax:** The highest point in a melody or point of greatest intensity or power

**Phrases:** Like a musical sentence; often separated by a breath or break

**Lyrics:** The words or text of a song

# Musical Character Spectrum

Below, placed in a spectrum from one extreme of emotional energy to the other, is a chart of musical character words. When committing a number of suitable character words to memory, it can be useful to categorise them. It is unadvisable to directly use simplistic vocabulary such as 'happy' and 'sad' as character words but these can be used as headings to memorise a set of quality alternatives.

These character words have been divided into the following categories:

- sad with energy
- sad
- happy
- happy with energy

## Musical Character Spectrum



# Musical Character Exercise

Complete the table below:

Choose four words and discuss how these characters might be created through the use of Melody.

<b>Musical Character Words</b>	<b>How created through Melody</b>
<i>eg. Frantic</i>	<i>Use of chromaticism, large leaps and jagged contour, unpredictable and uneven phrase lengths.</i>

# Character through Melody Activity

1. Listen to the musical excerpts played by your teacher.
2. Decide on appropriate Musical Character words that describe the mood of the piece and note them in the table.
3. Describe how these moods are created through the use of melody.

<b>Musical Character Words</b>	<b>How created through Melody</b>

# Melody Practice Example One

Composer: **My Friend The Chocolate Cake**

Title: **I Got A Plan**

Location: <https://www.youtube.com/watch?v=hvfIUEs1jIY> (whole work)

Question: **How does melody help create character in this piece?**

**Circle words that describe the character of this melody:**

melancholy	tranquil	aggressive	nervous	gentle	triumphant
intense	eerie	foreboding	sinister	dramatic	child-like
relaxed	joyous	laid back	peaceful	soaring	excited

**Circle words that describe this melody:**

improvisatory	complex	simple	virtuosic	dramatic	child-like
ornamented/ embellished	speech-like	meandering	motivic	lyrical/lilting	catchy

**Circle aspects of melody that create this mood:**

**Contour:**

smooth	flowing	angular / jagged	fragmented	balanced
ascending	descending	unfolding	linear	broken
speech-like	arch-like	wave like		

**Notes on how contour develops:**

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**Tonality:**

major	minor	pentatonic	modulating	atonal
chromatic	whole tone	blues scale	modal	'non-western' scale

## Climax:

### Approached by:

climbing	sequential movement	8ve leap	stepwise movement	gradual increase in range and register
use of chromatic rising phrases	arpeggiated movement	approached from above		

### Resolved through:

arpeggiated movement	stepwise/scalic motion	chromatic	gradual decrease of range/register	large intervals
small intervals				

### Register:

high	low	mid	changing gradually	changing suddenly
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### Range:

comfortable range	uncomfortable range	large/unconfined	small/narrow	moderate
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**Contributes to creating character through:** \_\_\_\_\_ eg. relaxed range can contribute to a laid back character. Uncomfortable range can contribute to a tense, menacing character.

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### Intervals:

scalic	triadic / arpeggiated	chromatic	diatonic	repeated
sequential				

### Phrases:

short	long	regular	irregular	contrasting
repeated	balanced	recurring	extended	moderate length

## Lyrics:

syllabic (one note per syllable)	melismatic (many notes on a syllable)	mostly syllabic occasionally melismatic	mostly melismatic, occasionally syllabic
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## Examples of word painting:

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## Development of melodic treatment of particular words:

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## Accompaniment melody relationship:

complements / contrasts with main melodic line	plays elements of the melody	is unrelated to melodic movement	provides chordal foundation	uses canonic movement (moves in canon)
has a walking bass that is step-wise/arpeggiated	mirrors the melody/plays in unison	plays in parallel intervals		

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# Melody Practice Example Two

Composer: **Peggy Glanville Hicks**

Title: **Come Sleep**

Location: <http://www.youtube.com/watch?v=tzfs09vNYiU> (first 1 min 45 secs)

Question: **How does melody express the character of this piece?**

**Circle words that describe the character of this melody:**

melancholy	tranquil	aggressive	nervous	gentle	triumphant
intense	eerie	foreboding	sinister	dramatic	child-like
relaxed	joyous	laid back	peaceful	soaring	excited

**Circle words that describe the description of this melody:**

improvisatory	complex	simple	virtuosic	dramatic	child-like
ornamented/ embellished	speech-like	meandering	motivic	lyrical/lilting	catchy

**Circle aspects of melody that create this mood:**

**Contour:**

smooth	flowing	angular / jagged	fragmented	balanced
ascending	descending	unfolding	linear	broken
speech-like	archlike	wave like		

**Notes on how contour develops:**

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**Tonality:**

major	minor	pentatonic	modulating	atonal
chromatic	whole tone	blues scale	modal	'non-western' scale

## Climax:

### Approached by:

climbing	sequential movement	8ve leap	stepwise movement	gradual increase in range & register
use of chromatic rising phrases	arpeggiated movement	approached from above		

### Resolved through:

arpeggiated movement	stepwise/scalic motion	chromatic	gradual decrease of range/register	large intervals
small intervals				

### Register:

high	low	mid	changing gradually	changing suddenly
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### Range:

comfortable range	uncomfortable range	large/unconfined	small/narrow	moderate
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### Contributes to creating character through:

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### Intervals:

scalic	triadic / arpeggiated	chromatic	diatonic	repeated
sequential				

### Phrases:

short	long	regular	irregular	contrasting
repeated	balanced	recurring	extended	moderate length

## Lyrics:

syllabic (one note per syllable)	melismatic (many notes on a syllable)	mostly syllabic, occasionally melismatic	mostly melismatic occasionally syllabic
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## Examples of word painting:

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## Development of melodic treatment of particular words:

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## Accompaniment-melody relationship:

compliments / contrasts with main melodic line	plays elements of the melody	is unrelated to melodic movement	provides chordal foundation	uses canonic movement (moves in canon)
has a walking bass that is stepwise/ arpeggiated	mirrors the melody/plays in unison	plays in parallel intervals		

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# Mnemonic Device - Melody

The elements of melody that need to be discussed can be remembered using the mnemonic device below:

**Generally** - General Description

**Count** - Contour

**To** - Tonality

**Regular** - Register

**Rows** - Range

**In** - Intervals

**A** - Accompaniment & Other Melodies

**Climbing** - Climax

**Phrase** - Phrases

The student book provides a blank chart on the following page to fill in aspects of Melody.

# Melody Summary

**General Description**

**Range**

**Intervals**

**Accompaniment & other  
Melodies**

**Contour**

**Climax**

**Tonality**

**Phrases**

**Register**



# Melodic Analysis - Question Two

Composer: **The Whitlams**

Title: **Blow Up the Pokies**

Location: <https://www.youtube.com/watch?v=0gj5ztTE0zw> (first 1 min 45 secs)

**Describe the melody of this piece and how it is supported by the accompaniment.**

**Melody:** \_\_\_\_\_

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**Accompaniment:** \_\_\_\_\_

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**How the accompaniment supports the main melody:** \_\_\_\_\_

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# Melodic Analysis - Question Five

Composer: **Miriam Hyde**

Title: **Pine Trees in the Wind**

Location: <https://www.youtube.com/watch?v=zA7ajoK1PXk> (*whole piece*)

**This piece is titled “Pine Trees in the Wind”. Describe the general character of the work. What aspects of melody create an image as suggested by the title?**

**General Character:** \_\_\_\_\_

\_\_\_\_\_

**Aspects of the melody that create image suggested by title:** \_\_\_\_\_

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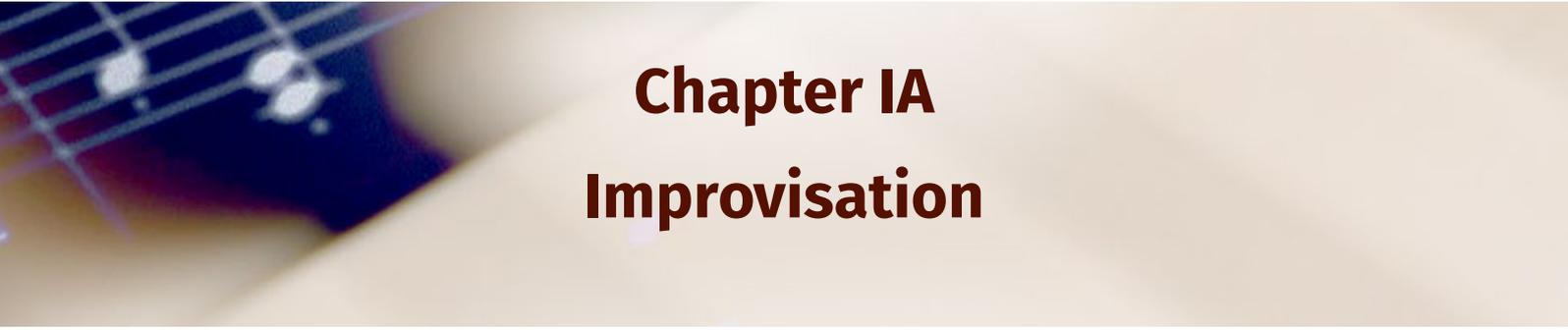
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# Chapter IA

## Improvisation

What is improvisation?

- Making it up on the spot!
- Composing music 'in the moment'.

Improvisation takes into account a number of conventions or unwritten rules and may or may not relate closely to the main melody, or head of a piece. Improvisation can involve the manipulation, not only of melody, but of ornamentation or embellishment, rhythm, harmony, articulation and other elements of music. When asked to discuss improvisation, all aspects of music involved need to be taken into consideration.

# Improvisation Analysis

Analysing what performers do when they improvise requires a discussion of aspects of rhythm, melody and harmony or a mixture of any of these three things. The other elements of music may also be affected by the way in which a performer plays and shapes an improvisation.

**How complex is the improvisation?**

**Elements to Discuss:**

**Improvisation/Embellishment/Ornamentation**

## Ornamentation and Embellishment Techniques

A simple improvisation will add ornamentation or embellishments.

These are covered in the Chapter VII of Listening Beyond Hearing but may include:

### Grace notes/ghost notes

Tony the graphics for these are in the articulation Chapter – there's a summary page.

**Composer:** **Oscar Peterson**

**Title:** **It Ain't Necessarily So**

**Location:** <https://www.youtube.com/watch?v=EL0wCyWeH0w> (to 22 seconds)

### Glissando/bends

**Composer:** **Sonny Rollins**

**Title:** **What Is This Thing Called Love**

**Location:** [https://youtu.be/\\_KHUcRFcK\\_4?t=60](https://youtu.be/_KHUcRFcK_4?t=60) (to 1 minute 20 seconds)

### Trills

**Composer:** **John Coltrane Quartet**

**Title:** **My Favourite Things**

**Location:** <https://youtu.be/NWYWgda5f0I?t=40> (to 1 minute 18 seconds)

**Composer:** **Fats Domino**

**Title:** **Blueberry Hill**

**Location:** <https://www.youtube.com/watch?v=bQQCPrwKzdo> (to 10 seconds)

## Enclosure

Scalar or chromatic embellished passages that centre around a particular note.

This is sometimes called enclosure. The core note is usually on the beat and approached from above and/or below.

This YouTube link provides a useful tutorial that describes enclosure in detail.

**Location:** <https://www.youtube.com/watch?v=vQ0a1q8QL6o&t=878s> (*whole work*)

Listen to the following and note the use of enclosure in the following example:

**Composer:** **Charlie Parker**

**Title:** **Billie's Bounce**

**Location:** <https://www.youtube.com/watch?v=9-QmELEt-d4> (*whole work*)

## Accents

**Composer:** **Glenn Miller**

**Title:** **In The Mood**

**Location:** [https://www.youtube.com/watch?v=\\_CI-0E\\_jses](https://www.youtube.com/watch?v=_CI-0E_jses) (*whole work*)

**Composer:** **Miles Davis**

**Title:** **Straight, No Chaser**

**Location:** <https://www.youtube.com/watch?v=pthTtLZINHQ> (*to 1 minute 1 second*)

# Rhythm

Improvisation may slightly change the existing rhythm of a melody.

Some techniques for rhythmic manipulation include:

## Rhythmic displacement of the main melody

**Title:** **The Way You Look Tonight**

**Location:** [https://youtu.be/dIW\\_Ah0wg-w?t=69](https://youtu.be/dIW_Ah0wg-w?t=69) (1 min 9 sec until 1 min 34 secs)

Rhythmic displacement of a few beats and diminution of the rhythm (shorter rhythmic values).

**Variation:** **Art Pepper**

**Title:** **The Way You Look Tonight**

**Location:** <https://www.youtube.com/watch?v=kWmZIGjtSnk> (first 14 seconds)

## Anticipation

Each beat is anticipated (played just before the beat). The main notes of the melody are clearly heard but extra notes/embellishments are added. These include passing and neighbour notes, skips down to notes within the harmony and chromatic scalar runs.

**Variation:** **Introduction to Billie Holiday**

**Title:** **The Way You Look Tonight**

**Location:** [https://www.youtube.com/watch?v=De\\_xthmIU08](https://www.youtube.com/watch?v=De_xthmIU08) (first 20 seconds)

**Variation:** **Frank Sinatra**

**Title:** **The Way You Look Tonight**

**Location:** [https://www.youtube.com/watch?v=82\\_JCboW69U](https://www.youtube.com/watch?v=82_JCboW69U) (first 43 seconds)

# Melodic Techniques

Improvisation often manipulates melodic elements.

Some techniques of melodic manipulation may include:

## Scalic ascending or descending runs

### Descending scalic run:

**Composer:** Oscar Peterson

**Title:** It Ain't Necessarily So

**Location:** [https://youtu.be/juN0PeGBI\\_o?t=118](https://youtu.be/juN0PeGBI_o?t=118) (to 2 minutes 20 seconds)

### Ascending scalic run:

**Composer:** Miles Davis

**Title:** So What

**Location:** <https://youtu.be/wpBB003phvo?t=38> (to 54 seconds)

## Sequences

Melodic pattern repeated at different pitches within a tonality

For example:

### Use of sequences:

**Composer:** Hank Mobley

**Title:** If I Should Lose You

**Location:** <https://youtu.be/ky0a9jgETJU?t=25> (to 36 seconds)

**Composer:** Hank Mobley

**Title:** If I Should Lose You

**Location:** <https://youtu.be/ky0a9jgETJU?t=79> (to 1 minute 26 seconds)

**Composer:** Oscar Peterson

**Title:** It Ain't Necessarily So

**Location:** <https://youtu.be/p5hVRj5V38A?t=119> (to 2 minutes 18 seconds)

**Composer:** John Coltrane

**Title:** Giant Steps

**Location:** <https://youtu.be/30FTr6G53VU?t=275> (to 4 minutes 42 seconds)

# Chromaticism

This is sometimes called “playing outside” – Use of notes that are outside the scale used. This can include chromaticism used as a neighbour note, for example the raised 7th to the tonic (si la). It can be used to create tension before resolving.

However, as improvisation becomes more complex, chromaticism is both more extensive, less likely to use stepwise motion and the chromatic notes are less closely related to the original key.

We can distinguish three basic types of chromaticism -

## 1. Light chromaticism

Use of a few notes that are ‘outside’ the key. Usually neighbour notes or passing between one note and another.

**Composer:** **Oscar Peterson**

**Title:** **It Ain’t Necessarily So**

**Location:** [https://youtu.be/juN0PeGBI\\_o?t=140](https://youtu.be/juN0PeGBI_o?t=140) (to 2 minutes 30 seconds)

## 2. Heavier chromaticism – scalic

Chromaticism at a more extreme level may include more virtuosic chromatic runs. This is chromaticism that uses passing notes and scalic movement.

**Composer:** **Sonny Stitt**

**Title:** **Lover Man**

**Location:** <https://www.youtube.com/watch?v=1UXzg7W-12w> (to 58 seconds)

## 3. Heavier chromaticism - use of larger intervals:

Chromatic notes as part of larger intervallic leaps, rather than neighbouring or passing notes

**Composer:** **Kenny Garrett Trio**

**Title:** **Wayne’s Thang**

**Location:** <https://youtu.be/KS5ouy991r8?t=142> (to 2 minutes 53 seconds)

## 'Quoting' from other melodies

**Composer:** Ella Fitzgerald & Duke Ellington  
**Title:** It Don't Mean A Thing If It Ain't Got That Swing  
**Location:** <https://youtu.be/kxfMRhyzu3g?t=179> (to 3 minutes 6 seconds)

## Scat

'nonsense' syllables, for example doo, dat, that enable a singer to sound like a melody line instrument

**Composer:** Sarah Vaughan  
**Title:** Scat Blues  
**Location:** <https://www.youtube.com/watch?v=u51fdqvcs5A> (to 47 seconds)

**Composer:** Ella Fitzgerald  
**Title:** How High the Moon  
**Location:** <https://www.youtube.com/watch?v=djZCe7ou3kY&feature=youtu.be&t=95>  
(to 2 minutes 30 seconds)

## Trading 4s or 8s

Musicians take turns to play or singing improvised solos, swapping from one to another for four or eight bars.

**Composer:** Ella Fitzgerald & Duke Ellington  
**Title:** It Don't Mean A Thing If It Ain't Got That Swing  
**Location:** <https://youtu.be/kxfMRhyzu3g?t=152> (to 3 minutes 9 seconds)





# Quick fire questions

Listen to the following examples and list three improvisation techniques used.

## Question One

**Composer:** Bill Evans

**Title:** Solar

**Location:** <https://www.youtube.com/watch?v=EyGjhFKYahI> (first 1 minute 19 seconds)

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## Question Two

**Composer:** Charlie Parker

**Title:** Donna Lee

**Location:** <https://www.youtube.com/watch?v=S6jQnrnWj4c>  
(improvisation occurs around 38 seconds)

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### Question Three

**Composer:** **Sonny Rollins**

**Title:** **Weaver of Dreams**

**Location:** <https://youtu.be/ZazZYmj00F0?t=74> (to 2 minutes 18 seconds)

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### Question Four

**Composer:** **Oscar Peterson Trio**

**Title:** **It Ain't Necessarily So**

**Location:** <https://youtu.be/p5hVRj5V38A?t=82> (to 2 minutes 42 seconds)

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# Rhythm and Syncopation

Improvisation often manipulates rhythmic elements. Some techniques of rhythmic manipulation may include syncopation.

Syncopation is used extensively in jazz and popular music genres. With this in mind, stating that an improvisation uses syncopation is really a given. Nevertheless, the ability to describe syncopation at differing levels of complexity is important when describing improvisation.

## Simple, Straightforward Syncopation

This is syncopation at its most fundamental level. That is, simply displacing the beat and accenting a part of the beat which is usually unaccented.

**Composer:** **Chet Baker**

**Title:** **Thursday**

**Location:** [https://www.youtube.com/watch?v=AQsb\\_0oTPiw](https://www.youtube.com/watch?v=AQsb_0oTPiw) (to 1 minute 13 seconds)

**Composer:** **Bill Evans' Solo**

**Title:** **Night and Day**

**Location:** <https://youtu.be/oRCcku0CehU?t=69> (to 1 minute 45 seconds)

## Mid level Syncopation

This occurs when there are a variety of note values that are tied to each other. Fairly complex patterns become easier to discern upon repetition. Repetition can take complex syncopation and make it more straightforward. The tempo of the syncopation can affect its apparent complexity. The faster the tempo, the more complex the syncopation will seem.

**Composer:** **Esperanza Spalding**

**Title:** **I know you know**

**Location:** <https://youtu.be/1oHQdupqcFY> (to 56 seconds)

At first hearing, the syncopation seems quite complex but the fact that there are patterns that repeat in the form of ostinato makes the syncopation easier to discern. This piece has a recurring bassline which has an emphasis on beat two. The entry of the bassline riff is anticipatory (avoids beat one). There is the use of offbeat semiquavers on the piano during the chorus.

**Composer:** **Hamid el Kasri**

**Title:** **Moulay Hmed**

**Location:** <https://youtu.be/i7wVtGOVt8c> (*first 42 seconds*)

Classic Moroccan Berber rhythms. Off kilter - half straight, half swung feel. There is the use of syncopation but this becomes comfortable and the patterns are easy to discern through the use of repetition. This use of repetition creates mid-level syncopation.

## Complex Syncopation

This occurs when there is little or limited repetition of rhythmic patterns. Long notes are tied to unexpected, virtuosic runs of semiquavers. These can then be tied to dotted notes, triplets or syncopated semiquavers. The speed at which a rhythm is played also adds to the complexity of the syncopation.

**Composer:** **Avishai Cohen**

**Title:** **The Ever Evolving Etude**

**Location:** <https://youtu.be/pq7-oVKpn6M?t=245> (*to 5 minutes 4 seconds*)

There is more complex syncopation in the double bass solo due to - the speed of the improvisation; the unexpected use of silence; the relationship between changing pulses in the accompaniment; and the use of rapid semiquaver runs and interrupting silence.

**Composer:** **Kusun Ensemble**

**Title:** **Ghana Improvisation**

**Location:** <https://youtu.be/VgkAYB83y7o?t=215> (*to 5 minutes 47 seconds*)

This is an example of complex syncopation due to the tempo. The metre is a quick 12/8 pulse with a few interlocking parts in the rhythm section (the main being the bell). Despite the rhythm section having very short repeated patterns, it still comes across as highly syncopated. The virtuosic syncopation comes into play when the lead djembe player fires off improvised solos (which the dancers interact with). This is implying different meters, short polyrhythms and short repeated fragments which are followed by a longer more syncopated resolving phrase. The accents overlap in different parts.

## Complex Syncopation/polyrhythmic playing

Accenting a part of the beat that is not usually important

### Syncopated accents:

**Composer:** **Bud Powell**

**Title:** **Big Foot**

**Location:** <https://www.youtube.com/watch?v=WdfjBggdWms> (first 28 seconds)

**Composer:** **Thelonious Monk**

**Title:** **Honeysuckle Rose**

**Location:** <https://www.youtube.com/watch?v=o16vgusW9zs> (first 21 seconds)

### Polyrhythmic playing:

(improvising different rhythms simultaneously)

**Composer:** **Dave Holland Quintet**

**Title:** **Prime Directive**

**Location:** <https://www.youtube.com/watch?v=E2qIZ-BwiE4> (first 1 minute 14 seconds)



# Improvisation and Character

Many techniques of improvisation will add energy to the character, especially if a figure is particularly syncopated or accented. Other techniques will create a more relaxed, laid-back or sombre mood.

Below is a list of techniques used in improvisation. Choose from the list of character words provided as to which character is supported by which particular technique.

## Character:

**Energetic, Laid-back, Joyous, Aggressive, Playful, Tranquil**

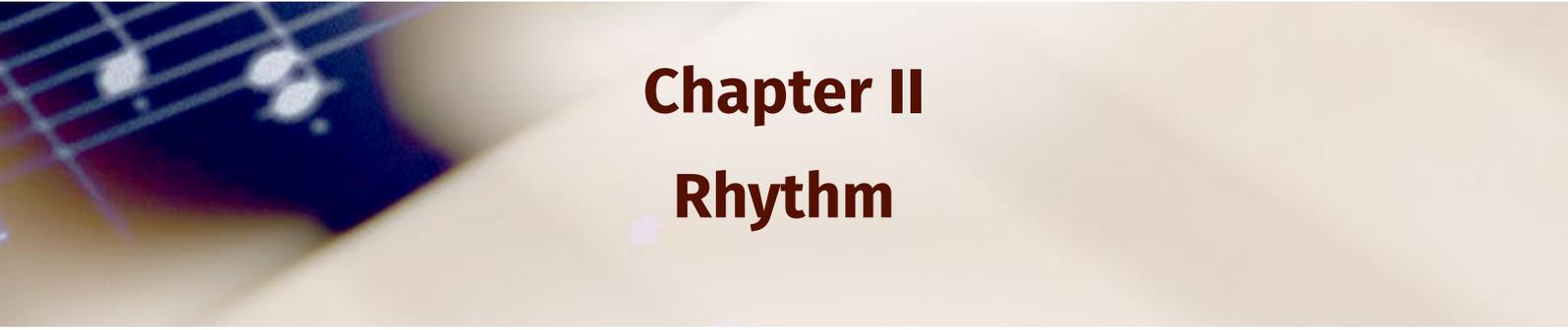
Musical Character Words	How created through Improvisation
	Rapidly ascending scalar run
	Highly chromatic, complex syncopation, heavily accented, loud dynamic, fast tempo
	Long held notes, use of notes bending downward from one to another, mid tempo, soft dynamic
	Use of ghost notes at a slow tempo and simple, straightforward syncopation - displacement of the beat
	Use of rubato, pauses, some chromatic runs and sudden changes from faster note durations and smooth contour to more angular contour and wider range phrases with use of chromaticism
	Use of ascending sequences, trills, fast scalar improvisation circling around a note, mid level syncopation.











## Chapter II

# Rhythm

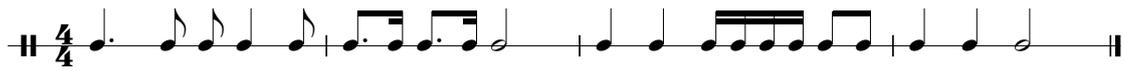
Rhythm is less complex and therefore can be easier for students to grasp than melody in terms of listening analysis. In general, as most students find rhythm easier to understand and transcribe, they find it as easy to write about.

Transcription of rhythmic ideas from the music where possible is recommended. Even if not exactly correct, this will give an indication of what is heard and the rhythmic idea can be used as an example to support a listening interpretation.





### Rhythmic Example 3



Describe the rhythm of this excerpt after performing to time names:

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Rhythmic features of whole example after listening:

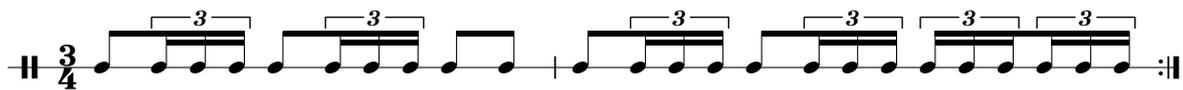
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### Rhythmic Example 4



Describe the above rhythm after performing to time names:

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Rhythmic features of whole example after listening:

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### Rhythmic Example 5



Describe the above rhythm after performing to time names:

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Rhythmic features of whole example after listening:

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# Rhythmic Description Match Up

1. Read through the following descriptions as a class.
2. Look up, define and write in your glossary any terms you are unfamiliar with.
3. Listen to the excerpts as played by your teacher; number the order in which you hear them.

Number	Description
	<p>1. The repetitive, simple rhythm of this piece expresses characteristics of the Rock genre. The emphasis on beats two and four, as well as the quaver pulse given by the hi-hat are typical rock features. Syncopation at times is given by the snare drum. The main melodic line reflects these elements, though most notes use straightforward syncopation, especially the repeated tied quavers. This is reflected in the rhythm of the synthesiser, that echoes the vocal line after phrases. Strumming on the guitar occurs on the first beat of the bar - in simple quadruple time. The simplicity of the rhythmic elements also contributes to an easy going, relaxed character.</p>
	<p>2. This musical example uses much rubato, slowing down and pushing the beat forward so that the time signature is hard to discern. Longer note values are contrasted with running quavers complemented by scalar runs. These occasionally occur diminished with semiquavers. The bass and treble lines are sometimes a little disconnected rhythmically as if they are slightly out of sync with each other. This is in line with the relaxed, ethereal character of the work. There are melodic semiquaver embellishments, the use of pauses and occasional use of ponderous or interrupting silence.</p>
	<p>3. This heavily accented work contrasts sections which seem to have a steady beat with others that have an aimless sense of timing. The use of pauses, rubato and extended silence help create an unsettling character through an unpredictable approach to rhythm. Extended note durations and a clear sense of beat are juxtaposed with short flurries of semiquavers which seem almost improvisatory. This is layered with notes of longer duration so that the contrasting rhythmic values overlap.</p>
	<p>4. This work shows aspects of the rock genre, including an emphasis on beats two and four, as well as quaver pulse on the snare. The laid back subdivision of the beat helps reinforce the relaxed atmosphere. The lead vocalists often anticipates the beat and the majority of their line is syncopated. Contrasting with the steady quaver pulse, much of the melody has a swung feel. The rhythm of the synthesiser introduction mirrors and sets up the rhythm used in the main melodic line. For most of the time, the backing vocals' rhythm mirrors the main melody. This rhythm is speech-like in pattern and accent, matched with syllabic treatment of the melodic line.</p>

Number	Description
	<p>5. This work relies on the use of ostinati and in particular the main swung, syncopated theme which recurs throughout. The time signature is 5/4 time, which is reinforced by a swung ostinato:</p>  <p>and the beat being kept, with some variation, by the hi hat. The rhythm of the main melodic instrument is much more relaxed and becomes increasingly improvisatory in feel through the use of ornamentation. The tempo of the main melody is less strict resulting in this instrument being a little out of sync with the accompanying lines.</p>
	<p>6. The free approach to time in this excerpt is a key feature of the work and is complemented by a free approach to melodic and dynamic elements. The use of pauses, silence and long held notes is often followed by fast flurries of short notes or by trills adding to the unpredictable nature of the work. There is no clear pulse or beat. The rhythms of the performers interact with each other, sometimes following rhythmic ideas with similar ideas or gradually creating an accelerando or ritardando almost in conversation with each other.</p>

# Description

The description of a piece refers to its general movement and overall impression. For example, the rhythm could be 'simple' or 'child-like'; 'complex' or 'virtuosic'; 'meandering' or 'improvisatory'. These words describe more objectively what the rhythm is like but they are not general character words, which describe the more subjective mood of a piece.

## General Character or Mood

As previously stated, character is the mood or 'feeling' of a piece of music. The best way of discovering character is to listen and take note of what 'mood' or 'character' words come into your head - for example 'joyous', 'sombre', 'energetic', 'relaxed'. There are few 'wrong' answers as much of this is subjective, however, you must be able to prove a certain character through musical examples. Two different students could legitimately explain your interpretation of character 'energetic' and 'relaxed' by choosing different musical examples to prove their point. Still, some descriptions of character are easier to provide clear evidence of than others through their links to elements of the music. For example, the character word 'uplifting' has immediate and obvious links to musical elements. Anything musical that speeds up or increases rhythmic complexity, is more directly linked to the idea of 'uplifting'. Thus, 'uplifting' may be a stronger word choice than 'happy'.

For this reason it is a good idea to stay away from simple, general emotive words such as 'happy' and 'sad'. Instead try more specific words like 'uplifting' and 'joyous'; or 'energetic' and 'frantic'; or 'melancholic' and 'brooding'.

Sometimes you may start collecting examples from the music to support a particular character description - for example, an increase in tempo or more complex rhythms may indicate a character of increasing excitement - and find there is a better character given the examples you have discovered - e.g. 'Elated' and 'soaring'. It is not too late to change your words if you find others are more suitable along the way.

## Rhythmic Features

Once you have identified the words describing the mood of a piece, your task is to identify the musical features that contribute to that sense of character.

These features include aspects of Rhythm such as:

**Beat:** The 'heart beat' of a piece of music. A basic unit of time.

**Pulse:** A subdivision of the beat. In common time this is usually into quaver pulses (two per beat). In compound time quaver pulses (three per beat) or may be changed slightly by being swung (the first part of the beat is extended and the second part is shortened).

**Rhythm:** The pattern of shorter and longer sounds.

**Time Signature:** The groupings of rhythms into bars of the same length; the number of beats and type of beats in a bar.

**Tempo:** The speed or pace at which a musical piece is played. This can also change by speeding up or slowing down the beat.

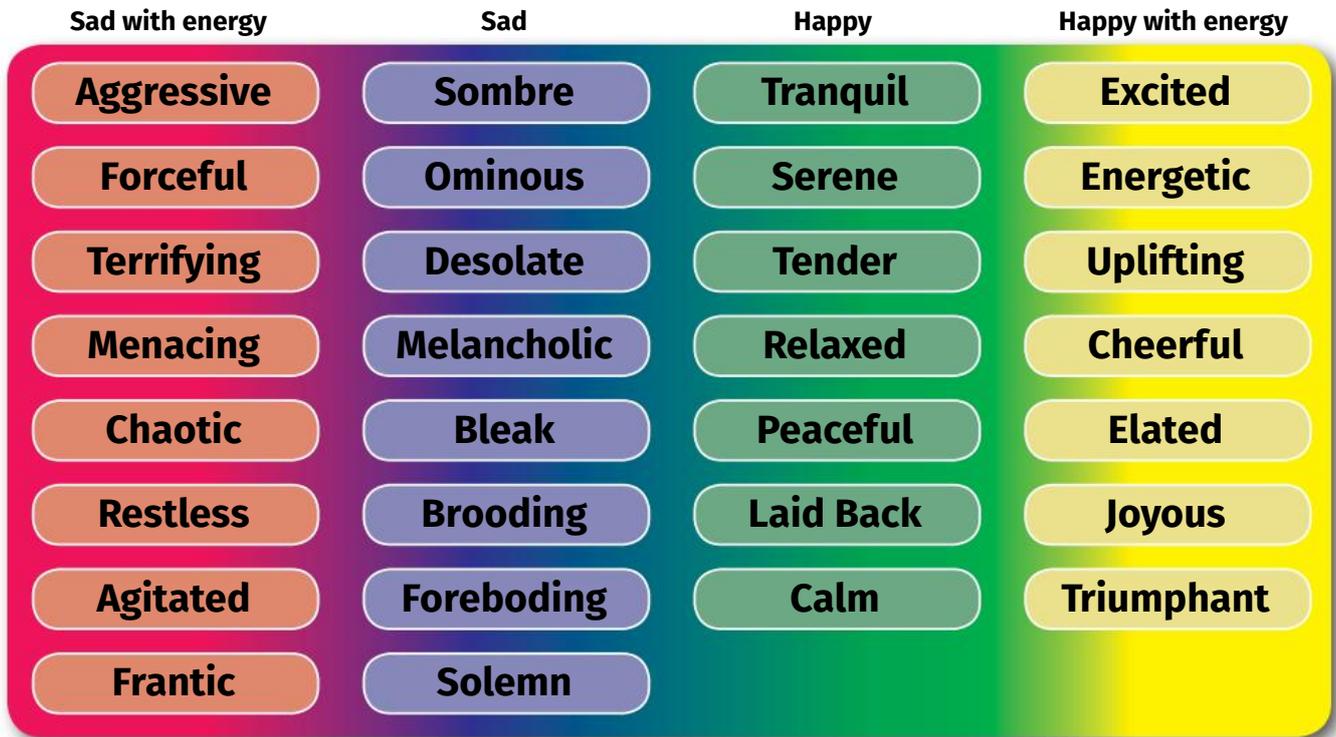
**Structure:** Use of repetition, variation, development, ostinati, imitation and motif.

**Rhythmic relationship:** How rhythms interact and complement or contrast with each other between parts.

**Silence:** Use of pauses, interruptions to the rhythm by silence, organic or natural end to rhythmic patterns. The absence of sound.

# Musical Character Spectrum

Below, placed in a spectrum from one extreme of emotional energy to the other, is a chart of musical character words.



**Complete the table below:**

Choose four words and discuss how these characters might be created through the use of Rhythm.

Musical Character Words	How created through Rhythm
<i>e.g. Laid Back</i>	<i>Use of swung rhythm, simple time values, steady beat. Use of repetition/ostinati.</i>

# Character through Rhythm Activity

1. Listen to the musical excerpts played by your teacher.
2. Decide on appropriate Character words that describe the mood and note them in the table.
3. Describe how these moods are created through the use of rhythm.

<b>Musical Character Words</b>	<b>How created through Rhythm</b>

# Rhythm Practice Example One

Composer: **Carl Vine**

Title: **Percussion Symphony**

Location: [http://www.youtube.com/watch?v=3BVcP13\\_nj0](http://www.youtube.com/watch?v=3BVcP13_nj0) (first three mins)

Question: **How does rhythm help create character in this piece?**

Circle words that describe the character of this rhythm:

melancholy	tranquil	aggressive	nervous	gentle	triumphant
intense	eerie	foreboding	sinister	dramatic	child-like
relaxed	joyous	laid back	peaceful	soaring	excited

## Description

simple	complex	virtuosic	driving	improvisatory	rapid
rapid	busy	relentless	speech-like	dance-like	martial
chaotic	free	rushed	jerky	regular/ irregular	even/uneven

Circle aspects of rhythm that create this mood:

Beat:

steady	constantly changing	predictable/ Unpredictable	even	rubato used
speeding up (accelerando)	slowing down (ritardando)	changing time signature		

Notes on how beat changes or develops: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Pulse:

grouped in two	grouped in three	clearly stated	unclear	played by _____
----------------	------------------	----------------	---------	--------------------

## Types of Rhythms:

syncopation	simple	complex	swung	polyrhythms
use of duplets/ triplets	speech like	accented	dotted	fast flurries of short notes
short duration	long duration	mixed duration	drawn out duration	contrasting

**Transcribe rhythms or further descriptions:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## If Syncopation - How the beat is maintained:

beat clearly kept by _____	implied through use of ostinato	implied through strong first beat
-------------------------------	------------------------------------	--------------------------------------

## Type of Syncopation:

simple quaver syncopation	predictable	repetitive	virtuosic	unpredictable
syncopated semiquavers	mixed duration syncopation	uses anticipation		

Notes on development of syncopation: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Time Signature:

<b>Simple:</b>	duple	triple	quadruple	uncommon
<b>Compound:</b>	changing			

Notes on time signature / tempo: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Tempo:

fast	changing	slow	speeding up (accelerando)	slowing down (ritardando)
presto	allegro	moderato	andante	largo

## Structure:

variation	imitation	repetition	development	diminution
augmentation	interjection	fragmentation	retrograde	ostinato

### Further descriptions:

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## Rhythmic relationship between parts:

complements / contrasts with main melodic line	plays elements of the rhythm used in other parts	is unrelated to rhythmic movement of other parts	outlines harmonic rhythm	accompaniment rhythm more simple than other lines
accompaniment rhythm more complex than other lines	rhythms relate through call and response	rhythmic unison		

### Further descriptions:

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## Silence:

dramatic pauses	thoughtful silence	unexpected break	organic silence	limited use of silence
moderate use	extensive use			

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# Rhythm Practice Example Two

Composer: **Katie Noonan (George)**

Title: **Release**

Location: <http://www.youtube.com/watch?v=vdqhy2sDL5w> (first min)

Question: **How does rhythm express the character of this piece?**

**Circle words that describe the rhythmic character:**

melancholy	tranquil	aggressive	nervous	gentle	triumphant
intense	eerie	foreboding	sinister	dramatic	child-like
relaxed	joyous	laid back	peaceful	soaring	excited

## Description

simple	complex	virtuosic	driving	improvisatory	rapid
rapid	busy	relentless	speech-like	dance-like	martial
chaotic	free	rushed	jerky	regular/ irregular	even/uneven

**Circle aspects of rhythm that create this mood:**

**Beat:**

steady	constantly changing	predictable/ unpredictable	even	rubato used
speeding up (accelerando)	slowing down (ritardando)	changing time signature		

**Notes on how beat changes or develops:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Pulse:**

grouped in two	grouped in three	clearly stated	unclear	played by _____
----------------	------------------	----------------	---------	--------------------

## Types of Rhythms:

syncopation	simple	complex	swung	polyrhythms
use of duplets/ triplets	speech like	accented	dotted	fast flurries of short notes
short duration	long duration	mixed duration	drawn out duration	contrasting

**Transcribe rhythms or further descriptions:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## If Syncopation - How the beat is maintained

beat clearly kept by _____	implied through use of ostinato	implied through strong first beat
-------------------------------	------------------------------------	--------------------------------------

## Type of Syncopation:

simple quaver syncopation	predictable	repetitive	virtuosic	unpredictable
syncopated semiquavers	mixed duration syncopation	uses anticipation		

**Notes on development of syncopation:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Time Signature:

<b>simple:</b>	duple	triple	quadruple	uncommon
<b>compound:</b>	changing			

\_\_\_\_\_

\_\_\_\_\_

## Tempo:

fast	changing	slow	speeding up (accelerando)	slowing down (ritardando)
presto	allegro	moderato	andante	largo

## Structure:

variation	imitation	repetition	development	diminution
augmentation	interjection	fragmentation	retrograde	ostinato

### Further descriptions:

---



---



---

## Rhythmic relationship between parts:

complements main melodic line	contrasts with main melodic line	is unrelated to rhythmic movement of other parts	outlines harmonic rhythm	accompaniment rhythm more simple than other lines
accompaniment rhythm more complex than other lines	rhythms relate through call and response	rhythmic unison	plays elements of the rhythm used in other parts	

### Further descriptions:

---



---



---



---

## Silence:

dramatic pauses	thoughtful silence	unexpected break	organic silence	limited use of silence
moderate use	extensive use			

### Further descriptions:

---



---



---



---



# Rhythm - Mnemonic Device

The elements of rhythm that need to be discussed can be remember through using the mnemonic device below:

**Generally - General Description**

**Beat - Beat**

**Pure - Pulse**

**Rhyme - Rhythm**

**Time - Time Signature**

**Tell - Tempo**

**Strangers - Structure**

**Remain - Rhythm of other Parts**

**Silent - Silence**

The student book provides a blank chart to fill in aspects of Rhythm on the next page.

# Rhythm Summary

**General Description**

**Time Signature**

**Tempo**

**Structure**

**Beat**

**Rhythm of other parts**

**Pulse**

**Rhythm**

**Silence**













## **Chapter IIA**

# **Tempo Revision**

This Tempo Revision chapter is an aid for students and teachers to discuss tempo as a subset of Rhythm, which is covered in full in chapter two of “Listening Beyond Hearing. The first pages of this chapter focus on how to name and discuss the tempo of a piece, as well as some of the influences that may affect how tempo is perceived.

# Tempo Revision

An analysis of tempo requires discussion of rhythmic aspects of a piece.

While at face value it may seem there is little to discuss regarding tempo, some things ought to be identified.

1. How fast or slow is the work?
2. Does the tempo change?
3. Are there any aspects that make the work seem faster or slower?
4. If there is no clear tempo, what makes this appear so?
5. Does anyone maintain the beat or pulse clearly?
6. How important is the beat or pulse to the work?

## 1. How fast or slow is the work?

When mentioning the speed of the work, consider using the following Italian terms:

**Adagio** – slowly

**Andante** – Easy walking past

**Moderato** – At a moderate speed

**Allegro** – Fast and lively

**Presto** – Very fast

It is also fine to just say the work is fast, slow, very fast, very slow or at a moderate speed. You can also respond to the style appropriately when using terminology. For example, it would be more appropriate to label the tempo of an orchestral work using Italian terms. If the work is a contemporary piece, plain English is fine.

## 2. Describe the tempo change?

Does it get **suddenly** slower or faster?

Does it get **gradually** slower or faster?

Does it change suddenly from one speed to another?

## 3. Are there any aspects that make the work seem faster or slower?

If the tempo appears to be faster, this can be the result of:

- Use of short note values – eg - running semiquavers; fast obligato or ostinato support
- Use of complex syncopation
- Use of dotted notes
- Use of accents
- Use of short attack and decay
- Limited use of silence

The tempo appears to be slow. This can be the result of:

- Long note values (in melody line)
- Straightforward rhythmic values
- Use of swung rhythms

- Use of emerging or gradual attack
- Use of echoing decay
- Use of silence
- Use of legato articulation

#### **4. If there is no clear tempo what happens to make it appear so?**

Unfortunately, an analysis of a work requires more than just stating that there is an unclear tempo. Stopping here creates an incomplete picture. Lack of clarity in a tempo can be due to the following factors:

- Use of pauses
- Use of rubato
- Unexpected changes in rhythmic values from long to short
- No clear rhythmic patterns that repeat
- Unexpected use of silence
- Uneven accented notes
- Lack of conventional metre
- Changing metre

#### **5. Does anyone maintain the beat or pulse clearly?**

Without working out what the beat is doing, it can be hard to decide what the tempo is. There may be a section of an ensemble whose role is to keep a clear beat. Often the beat is not as clearly stated through just repeating crotchets over and over. That would make life too easy!

The beat can be clearly maintained through being played by:

- a percussive part
- a bass player
- a keyboard instrument

It can be maintained through:

- an ostinato (or repeated musical pattern)
- A pattern that has a clear emphasis on the first beat of each bar, even though the other beats may seem a little less clearly defined
- Repeated quavers, or pulses (subdivision of the beat)

Remember, the beat may be secondary to the pulses. If this is the case, there will be an instrument or group of instruments who are constantly playing the pulse.

#### **6. How important is the beat or pulse to the work?**

Can you hear it clearly?

Is there an instrument whose role is to keep this throughout the piece?

If there is no clear beat or pulse, it may be due to a slower tempo or many changes in pulse. It is important to unpack these as you hear them.

# Tempo Activity 1

Composer: **George Gershwin**

Title: **Rhapsody in Blue**

Location: <https://youtu.be/ynE0o281sbc?t=2m58s> (up to 3 mins 12 secs)

**Describe the tempo and three factors that make it seem that way**

Tempo: \_\_\_\_\_

\_\_\_\_\_

Through: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Tempo Activity 2

Composer: **Liza Lim**

Title: **Veil for Seven Instruments**

Location: <https://www.youtube.com/watch?v=icuwM5zoASg> (30 seconds)

**Describe the tempo and three factors that make it seem that way**

Tempo: \_\_\_\_\_

\_\_\_\_\_

Through: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Tempo Activity 3

Composer: **Scott Joplin**

Title: **Maple Leaf Rag**

Location: [https://youtu.be/pMAAtL7n\\_-rc?t=5s](https://youtu.be/pMAAtL7n_-rc?t=5s) (24 seconds)

**Describe the tempo and three factors that make it seem that way**

Tempo: \_\_\_\_\_

\_\_\_\_\_

Through: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Tempo Activity 4

Composer: **Reinhold Glière**

Title: **Russian Sailors Dance**

Location: <https://www.youtube.com/watch?v=0Yoho0zkRiY> (17 seconds)

**Describe the tempo and three factors that make it seem that way**

Tempo: \_\_\_\_\_

\_\_\_\_\_

Through: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Listening Question

Things to note – try not to make this sound like a listening diary or shopping list – ie. This happens, then this happens then this happens. Look for some trends or patterns. Are there parts of the work where there is a clear beat? Are there parts where the beat speeds up or slows down? I have given you some headings to help you out!

**Composer:** George Gershwin

**Title:** Rhapsody in Blue

**Location:** <https://www.youtube.com/watch?v=ynE0o281sbc> (first 1 min 9 secs)

**Describe the tempo in the following excerpt and how this creates a sense of character. (Headings are provided to aid your analysis)**

**Character:** \_\_\_\_\_  
\_\_\_\_\_

**There are many changes of tempo in this work**

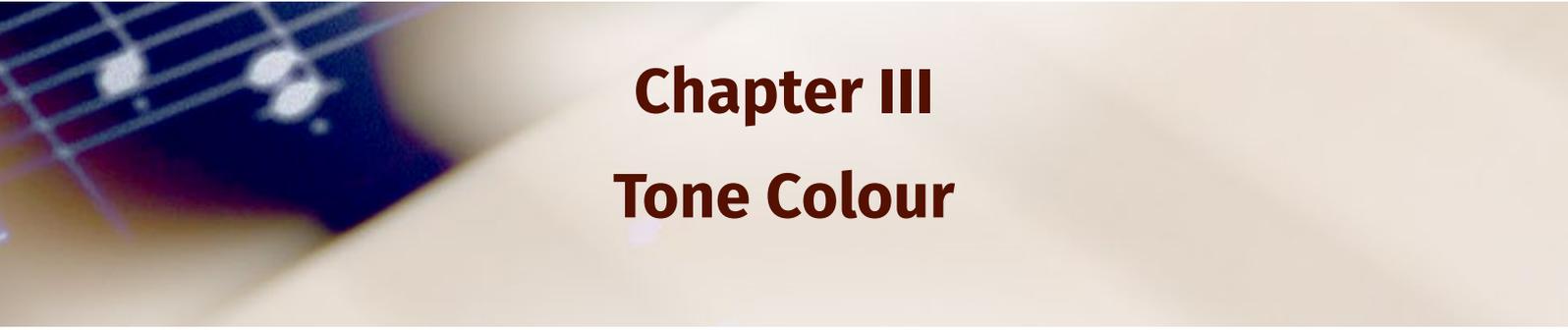
**Unclear tempo:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Clear Tempo:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Tempo slowing down:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Tempo speeding up:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





## Chapter III

# Tone Colour

Tone colour, also known as Timbre, is a description of the external tonal quality of the sound made by an instrument or groups of instruments. It is different from character or mood which is the internal emotion that music itself generates within the listener.

For example, an instrument could sound bright, mellow, tinny or harsh. While this element would be easy to analyse if instruments only had one tonal colour, this will change depending on various factors, such as the register used or particular performance techniques used.

Thus, a detailed tone colour analysis needs to comment on the timbre and its development over time and any factors that cause that change. Ironically, tone colour cannot be described using actual colours. While some people may hear an instrument as having a 'purple' sound, this is not in fact tone colour, rather it is a subjective association of colour with the sound.



# Tone Colour Vocabulary

Tone Colour or Timbre is often confused with character, or mood, as in the example below.

***“...A sinister tone colour is created through the use of muted trumpet at low register...”***

## **WRONG**

Rather than use a character word (sinister) to describe tone colour, identify the tone colour and then comment on how it creates, or enhances a particular character, as below:

***“...A nasal, harsh tone colour is heard from the muted trumpet playing at a high register. This enhances the sinister character of the work...”***

Identifying the tone colour then is an attempt to describe the sound more objectively – **“harsh”** – rather than the more subjective emotional mood that the sound creates – **“sinister”**.

So the strategy is:

Start by identifying the objective sound - “harsh” - then you are in a stronger position to describe the character or mood - “sinister”.

## The Three Levels of Sound

Describing tone colour or timbre can be covered comprehensively by looking at three levels of sound:

### 1. Individual Instruments

Identify the instruments played and use two tone colour words to describe them:

For example:

Flute – airy, light.

Trumpet – nasal, pure.

***“The opening melody in the flute uses a light, airy tone”***

***“The trumpet passage has a nasal, pure timbre”***

For a more sophisticated answer, acknowledge that there are (more often than not) changes in tone colour in the same instrument throughout a piece.

***“...The airy, light tone colour of the flute changes in the chorus. The flute ascends to a higher register and as a result, the tone colour is brighter and more ringing...”***

### 2. Combinations

Pick out notable combinations of instruments within the sound that either -

Create a unified blend:

***“...The lush, mellow combination of the string section of the orchestra...”***

Or are contrasting:

***“...The nasal, penetrating tone colour of the oboe contrasts with the breathy, warm tone colour of the flute at low register...”***

### 3. Overall Tone Colour

The overall tone colour of a piece can be identified by answering the following questions:

**Do the tone colours blend or do they clash or contrast?**

**Does the overall tone colour change in the piece?**

Some words that can be used to describe overall tone colour are:

**Full**

**Complex**

Unified

Complementing

Blended

**Contrasting**

**Clashing**

Multi-layered

Conflicting

**Juxtaposing**

**Harmonious**

Homogeneous

Unified

# Influences on Tone Colour

Tone colour (timbre) can, and often does, change within a piece. This may be due to many factors, yet it is worth commenting on what influences the changes in tone colour:

## Register

The tone colour of an instrument in its low pitch register is usually different to its tone colour in its upper register. Usually, it is brighter, clearer or more nasal, and more penetrating in the upper register. By contrast it is usually more mellow, reverberating, resonant and warm in the lower register.

## Technique and other factors

Use of mutes, pizzicato, vibrato, amplification or effects pedals can change the tone colour of an instrument. If you can hear and identify that the technique or change in sound is due to a particular identifiable tool, technology or technique, mention this:

***“The use of distortion on the guitar creates a gravelly, distorted tone colour. This changes when the effect is removed, leaving a more ringing, clear tone.”***

***“The strings playing arco have a bright, ringing tone colour. When they change to pizzicato articulation, the contrasting tonal colour is dull and dark.”***

## Instrument Material

Instruments can sound wooden or metallic depending on the material the instrument is made from. Woodwind instruments can be described as ‘reedy’ as the properties of the instrument have a clear effect on the sound. This may also change how ringing, sharp or dull a tone colour is.

***“The marimba’s woody, clear timbre contrasts with the ringing, metallic tone of the vibraphone.”***

***“The bassoon’s reedy, dark tone colour penetrates the warm, reverberating lower strings through its simple clarity”***

# Tone Colour/Timbre Descriptive Word List

## Warm

**Booming** **Mellow** *Pounding* **Resonant**  
**Reverberating** *Rich* **Rumbling**

## Airy

*Aspirate* **Breathy** **Hoarse** **Smoky**  
**Throaty** *Whispering* *Yawning*

## Harsh

*Abrasive* *Bellowing* **Belting** **Crashing** **Distorted**  
**Gravelly** *Growling* **Piercing** *Raw* **Screechy**  
*Screaming* *Shouting* **Shrill**

## Bright

**Chiming** *Clear* *Metallic* **Nasal** *Reedy*  
**Ringing** *Tinny* **Twangy**

## Dry

*Blunt* **Creaking** **Crisp** *Croaky* *Dull* **Muffled**  
*Muted* **Pattering** **Raspy** *Sandy* **Woody**

## Overall

*Blended* **Clashing** **Cohesive** *Complementing*  
**Complex** *Conflicting* **Contrasting** **Full** **Harmonious**  
**Homogeneous** **Juxtaposing** *Multi-layered* **Unified**

# Combinations

In the following examples, identify which statements are about instruments that have either blended or clashing tone colours.

## Exercise: Circle the correct description

1. Warm mellow combination of low register basses and clarinets.

Compares similar colours

Compares contrasting colours

2. Pure resonance of unison soprano line juxtaposed with the cutting, twanging banjo.

Compares similar colours

Compares contrasting colours

3. Rich, reverberant double bass complements the rumbling, warm tone colour of the timpani

Compares similar colours

Compares contrasting colours

4. The bright, lush combination of strings and lower brass highlight the nasal clarity of the oboe, by contrast.

Compares similar colours

Compares contrasting colours

# Word Search Exercise

1. Label the tone colour words in the chart below

2. Identify and label the other element(s) of music described by the remaining words that do not describe tone colour (eg mood, character, tempo, dynamics, rhythm, melody).

Sombre _____	Mellow _____	Tinny _____	Forceful _____
Tired _____	Excited _____	Growling _____	Whispering _____
Aspirate _____	Rumbling _____	Quick _____	Tinkling _____
Driving _____	Muted _____	Brassy _____	Ecstatic _____
Distorted _____	Arch-like _____	Accented _____	Ringling _____

# Tone Colour Spectrum

Thinking about tone colour in a spectrum or range from one extreme to another can help define why an overall colour is blended. Map out the extremes of tone colour along a line and try to place other instruments and words describing tone colours along this line. Refer to the list of tone colour words above to help you.

## Examples:



From the example above, when instrumental tone colours are evenly spread there is often an overall blended tone colour. Colours that are contrasting at extreme ends of the spectrum without instruments that fit along the middle of the mix can create clashing tone colours.



This combination is going to seem less unified in tone colour as there is a contrast between the extremes but nothing to soften the stark differences in tone colour in the middle.

The spectrum of tone colours will change depending on the instruments presented in each song. Mapping out extremes along a spectrum is one way to emphasise why an overall tone colour is unified or clashing. It is possible to draw such charts as part of your analysis or as part of your preparation notes in an exam situation.

## Spectrum Activity

Map out the placement of the following instrument combinations on each blank tone colour spectrum. Choose tone colour extremes to describe each end of the spectrum and state whether you believe this combination creates contrasting or complementing overall colour.

- Spectrum Activity 1:**
- warm, reverberant **harp**
  - nasal, piercing **oboe**
  - sharp, metallic **cymbal**
  - rumbling, dark **timpani**

**Overall:**

\_\_\_\_\_



- Spectrum Activity 2:**
- distorted, harsh **rhythm guitar**
  - nasal, biting **lead guitar**
  - hoarse, screaming **soloist**
  - cutting, penetrating **snare drum**

**Overall:**

\_\_\_\_\_



# Tone Colour Examples

Read through the following examples of tone colour and **highlight** where individual/combinations/overall tone colour is mentioned. Underline any mention of the other elements that create tone colour (register, articulation, techniques, instrumental properties)

## Example 1

**Composer:** Shostakovich

**Title:** 2 Pieces for String Quartet: II. Polka - 2/2

**Location:** <https://www.youtube.com/watch?v=-NsDnyk0xc4>

The use of pizzicato in the opening of this work establishes a dull, muted tone colour. This contrasts greatly with the later use of arco in the lyrical violin melody with a brighter more ringing tone colour. As all instruments use pizzicato initially the overall tone colour is blended, though the lower string pizzicato is more ringing and mellow than the sharper pizz in the upper register. Greater contrast in tone colour is created when some instruments play with dull, muted pizz, while others play with the bow. The pitches in the arco instruments are more sustained and their tone colour is made warmer by the use of vibrato. In the upper register the tone colour of arco strings is bright with a biting, ringing quality. The overall tone colour here is no longer united; it is contrasted in the extreme from dull to ringing, from muted to biting.

**Notes:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Example 2

**Composer:** Percy Grainger

**Title:** Mock Morris

**Location:** <https://www.youtube.com/watch?v=9LapHHB3RHA>

A bright ringing overall tone colour is created in the string section while lower strings give a mellow, reverberating dimension to this timbre. The clarinet's warm, slightly breathy tone colour emerges from the mix when it plays the main melody. While the colours blend well, the aspirate, purer tone colour of the clarinet does give the overall piece another timbral layer and slightly more complex tone colour as a result. The horns enter, again with complementing colours of warmth, but slightly contrasting sharp, brassy undertones. The brighter, more piercing piccolo adds subtly to the overall tone colour which, while still unified, has been expanded by encompassing more breathy tone colours in the woodwind, at one end of the spectrum - and brassy, nasal colours in the brass, at the other.

**Notes:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Example 3

**Composer:** Steeleye Span

**Title:** Dogs and Ferrets

**Location:** <https://www.youtube.com/watch?v=qEkV44CvWEY>

An initial mellow, ringing tone colour is created by the low drone. This sound has elements of springy resonance, combined with pattering percussive sounds. Given this blended overall colour, the vocal tone colour comes as a complete contrast. All vocalists have a nasal, penetrating quality to their tone. The male voices are warmer in quality than the female ones but still have a nasal element. The female voice in particular has a harsh edge to the quality. Contrasting to this is the bright, ringing tone colour of the dulcimer, which tends to blend with the overall sound. This instrument only plays sparingly, giving accentuated notes at the ends of sections. Yet, it is the pure, ringing quality of this instrument that sets it in stark contrast to the reverberating, mellow drone and the nasal harshness of the vocal parts.

**Notes:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Example 4

**Composer:** Cold Chisel

**Title:** Flame Trees

**Location:** <https://www.youtube.com/watch?v=UJJV1nruUUA>

The pounding, dull tone colour of the bass drum contrasts with the cutting, echoing snare and sandy, hissing hi hat. The piano's bright, ringing tone colour has a biting quality to it, which contrasts greatly with the mellow, warm bass guitar. The rhythm guitar complements the biting ring of the piano in its upper register, while the lower strings match the mellow warmth of the bass guitar. The vocalist has a gravelly, raw, penetrating quality, singing in the upper part of his register in the chorus. This softens towards the ends of phrases and is more accentuated at the height of phrases. While there seems to be great contrast in tone colour, the overall effect is of a well-balanced colour. The rhythm guitar seems to have elements of enough other tone colours to bridge some of the extremes in the other instruments and voice.

**Notes:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Tone Colour and Character

Referring to the list of tone colour words listed previously, list what timbre would you associate with the following musical characters or moods?

## Tentative/uncertain

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## Relaxed/laid back

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## Tense

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## Excited

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# Tone Colour Analysis Template

Use this summary as an approach to your Tone Colour Analysis.

## Individual(s)

**Instruments / Voices** - use two Tone Colour words each  
e.g. The \_\_\_\_\_ tone colour of the flute...

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## Combinations

Complementing, **Contrasting**, **Clashing**, or **Blending**

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## Overall

**Full** **Complex** **Unified** *Complementing* *Blended* **Contrasting** **Clashing**  
*Multi-layered* *Conflicting* **Juxtaposing** **Harmonious** *Homogeneous*

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## Influences

**Techniques** (pizz)  
**Register** (usually **brighter** **higher**, **warmer** **lower**)  
**Material** (**wooden**, **metal** etc)

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## Changing Tone Colour

Tone colour rarely stays the same!  
Acknowledge **when** tone colour changes *and*  
state reasons as to **why** the change occurs.

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# Tone Colour Analysis

For the following excerpts comment on the area of tone colour indicated:

## Practice Example 1

**Composer:** Ross Edwards

**Title:** Dawn Mantra

**Location:** <https://www.youtube.com/watch?v=ECP5AydSmnc> (first 1 min 12 secs)

**Overall tone colour:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Practice Example 2

**Composer:** Cezary Skubiszewski

**Title:** The Search

**Location:** [https://www.youtube.com/watch?v=TY1H\\_zb4KdI](https://www.youtube.com/watch?v=TY1H_zb4KdI)  
(from 1 min 55 secs until 2 min 36 secs)

**Combinations contrasting and blending:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Practice Example 3

**Composer:** Paul Kelly

**Title:** Deeper Water

**Location:** <https://www.youtube.com/watch?v=sXDgMmA7FXM>

**Individual instrumental colours:** \_\_\_\_\_

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### Practice Example 4

**Composer:** Snakadaktal

**Title:** Dance Bear

**Location:** [https://www.youtube.com/watch?v=0B0M1K\\_0rIM](https://www.youtube.com/watch?v=0B0M1K_0rIM)

**Other factors:** \_\_\_\_\_

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### Practice Example 5

**Composer:** Brett Dean

**Title:** Viola Concerto

**Location:** <https://www.youtube.com/watch?v=705qMx23QHc> (first 1 min 30 secs)

**Development in viola colour over time:** \_\_\_\_\_

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# Memorising Tone Colour Descriptive Words

There are a lot of tone colour words to memorise! In order to have twenty key words to take into an exam with you, memorise these overall categories and then some of the words in each category.

## Tone Colour / Timbre Descriptive Word List

**Warm**

**Bright**

**Airy**

**Dry**

**Harsh**

**Overall**

## Using The Tone Colour Word List

With the aid of the Tone Colour Word List above, complete the following practice exam questions.











## Chapter IV

# Texture

Musical texture relates to the instrumental and/or vocal roles or a description of instrumental and/or vocal layers. Texture is an essential part of describing the blend and balance of instrumental voices.

The most common organisation of texture has been given specific descriptive terminology: homophonic, polyphonic, monophonic, biphonic, heterophonic, thick or thin, dense or sparse.

Describing texture involves more than using one word. Music often shifts from one texture to another and there are different ways of interpreting these changes. While it is a great skill to be able to identify the proper “~phonic” word to describe the texture, you will also need to be able to describe what an instrument/voice is contributing to the sound and how they are contributing to the texture.

The following pages contain a more descriptive guide to each of the these terms.

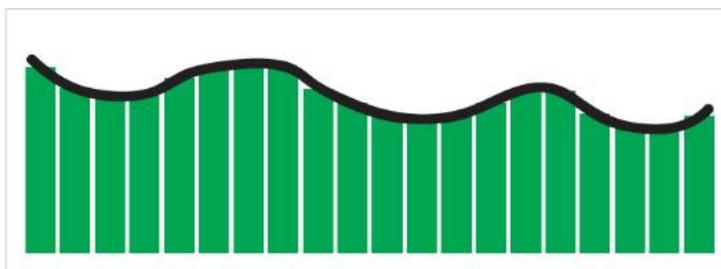
### **Video Example of textures:**

The musical examples in the following pages can be heard on the *Listening Beyond Hearing* Website:

<https://listeningbeyondhearing.com.au/one-song-many-textures-video-resource-for-listening-beyond-hearing-text/>

# Homophonic Texture

## Melody and accompaniment



There are two forms of homophonic texture that sound very different from each other:

### 1. Melody and accompaniment

#### SMALL JAZZ COMBO / HOMOPHONY

Mateusz Gwizdalla

MED SWING ♩=120

ALTO SAXOPHONE 1

PIANO

BASS

DRUMS

Time

Chords: E $\Delta$ 7, D<sup>13</sup>, D $\sharp$ 7, G $\sharp$ 7 $\flat$ 9, C $\sharp$ 11, A $\Delta$  $\sharp$ 11, F $\sharp$ 7, B7 $\flat$ 9, E $\Delta$ 9/2, G $\Delta$ 7, F<sup>13</sup>, F $\sharp$ 7, B7 $\flat$ 9, E-11, C $\Delta$  $\sharp$ 11, A $\flat$ , D7 $\flat$ 9, G $\Delta$ 9/2

Drum notation: x x x x, %, %, (4)

**YouTube example:** Hunters and Collectors, Holy Grail

<http://www.youtube.com/watch?v=iQI5fdVCv1U>

### 2. 'Chorale' style Homophony

Where the rhythm is the same (rhythmic unison or homorhythmic) but the notes of each part is different.

#### CHORALE IN THE STYLE OF BACH / HOMOPHONY

Mateusz Gwizdalla

ANDANTE

S A

CHOIR

T B

3/2

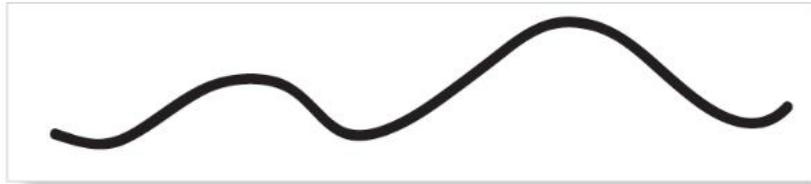
**YouTube example:** Bach - St John Passion - O grosse Lieb (chorale)

<http://www.youtube.com/watch?v=nagRCKQKpZg&list=PL749DDF4746E2FE81>



# Monophonic Texture

## One Melody



Otherwise known as unison or a 'solo' (without accompaniment). Monophonic texture can also exist if a single melody is being doubled on the same pitch or at the octave.

THE CANON / MONOPHONY / POLYPHONY

Mateusz Gwizdalla



**YouTube example:** Charley Brighton, Euphonium solo (unaccompanied), Dancing Night Wind  
[https://www.youtube.com/watch?v=b\\_9j9M00y5o](https://www.youtube.com/watch?v=b_9j9M00y5o)

**YouTube example:** Bach, Six Suites for Unaccompanied Cello, performed by YoYo Ma  
<https://www.youtube.com/watch?v=DwHpDOWhkGk>

**YouTube example:** Namur Chamber Choir, 14th Century Gregorian Chant, Advocatam  
<https://www.youtube.com/watch?v=TA14QQwnC1I>

It is worth noting that while a solo, single line instrument usually plays monophonic texture, it is also capable of homophony, for example, through the use of double stops. Biphony is possible either through the use of double stops or an implied drone. Polyphony can be created through using different registers to suggest more than one melodic line simultaneously.

# Biphonic Texture

## A Melody and a Drone



Either an implied drone or actual drone, also known as pedal point.

**Implied drone: A note that returns often implying that it continues through frequent restatement of that note.**

Notice how, while the drone is not continuous, the melody keeps coming back to the 'D'. Implying that it continues.

### BIPHONY - IMPLIED DRONE

Mateusz Gwizdalla



**YouTube example:** Bach Solo Cello Suite One, Prelude.

[https://youtu.be/PCicM6i59\\_I?t=1m55s](https://youtu.be/PCicM6i59_I?t=1m55s)

**Drone: A continuously held note that occurs at a low pitch or pitches. If different pitches are used these are most commonly a perfect fifth or octave apart.**

### INDIAN RAGA / BIPHONY

Mateusz Gwizdalla

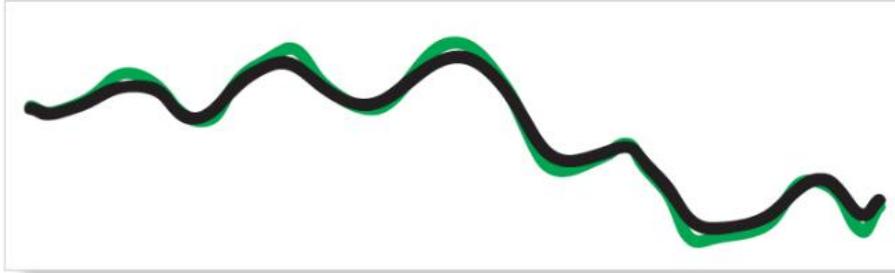
FREELY

**YouTube example:** Kafal Sviri, Bulgarian Voices.

<https://www.youtube.com/watch?v=hVqrW-fPOQ0>

# Heterophonic Texture

## One Melody - Two Instruments



One melody played by two instruments with different variations or ornamentation occurring so that they are not quite the same. Sometimes described as “bad unison”. This texture is used more often in folk or World Music styles and is uncommon in Western Art Music.

HETEROPHONY Mateusz Gwizdalla

**YouTube example:** Lonesome Valley ('O Brother, Where Art Thou?' Soundtrack) The Fairfiled Four

<https://www.youtube.com/watch?v=IAS4L9AKUKk>

**YouTube example:** Olivier Messiaen, Sept Haïkai, performed by Netherlands Wind Ensemble, Reinbert De Leeuw, conductor.

<https://www.youtube.com/watch?v=bnMcor5Cyeo>

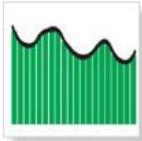
# Other Textures

## Thick, Dense, Thin, Sparse

These words are used to describe how many instruments are playing and the complexity of the layers in their sound. If a texture is thick or dense, it may have many instruments playing many different lines. A thin or sparse texture may consist of only a few instruments with limited complexity to the different layers.

It is important to use the words thick, dense, thin, sparse and others like them alongside the other texture words learned in this chapter. On their own, these words are not enough to fully describe texture in any meaningful way. In order to describe texture fully, a discussion of the **roles** (melody, harmony, rhythm, accompaniment) of the instruments within a texture is required.

# Common Textures Summary



**Homophonic** – Melody and accompaniment or melody with parallel harmony using rhythmic unison.

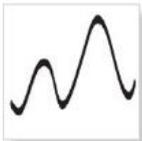
**Roles to outline:** Who is playing the melody, harmony and bass lines?



**Polyphonic** – More than one independent melody played simultaneously.

This may be contrapuntal or use counterpoint, which is where the harmony is set or dependent but the melodies are independent of each other - as long as they continue to play notes from the set harmony. Words for describing other melodies used include descant, counter melody, second subject. A polyphonic piece may be a canon, round or a fugue, though these forms will not always be polyphonic but build up levels over time.

**Roles to outline:** Who is playing each different melody and note changes, harmony, bass?



**Monophonic** – One melody: solo without accompaniment or unison, or doubled at the octave.

**Roles to outline:** Who is playing the melody?



**Biphenic** – A melody and a drone. Either an implied drone or actual drone.

**Roles to outline:** Who is playing the melody? Who is playing the drone? Is this heterophonic treatment of a melody over homophonic texture? If so, outline the homophonic roles as well.



**Heterophonic** – One melody played by two instruments with different variations or ornamentation occurring so that they are not quite the same. Sometimes described as “bad unison”.

It is possible to have heterophonic treatment of a melody in a homophonic texture.

**Roles to outline:** Who has the main melody? Who is playing a more ornamented line? Does this change?

**Thick or Dense** - Many layers or parts doubled

**Roles to outline:** All identifiable, whether melody, harmony or bass. If parts are doubled, how are they doubled?

**Thin or Sparse** – Few layers

**Roles to outline:** All identifiable, whether melody, harmony or bass.

# Textural Analysis

The analysis of musical texture requires a discussion, not just a one-word answer. In each of the textures the roles of the different instruments/voices involved need to be described.

1. Read through the following descriptions as a class.
2. Look up, define and write in your glossary any terms you are unfamiliar with.
3. The textures change three times in each example. Write the appropriate texture terms that outline the given descriptions of the changing texture of the music (homophonic, polyphonic etc.)
4. Write a description of the change in feel of this texture (thick/dense, thin/sparse]

Textural Change	Analysis
Textures: 1. 2. 3. Overall change:	<b>1.</b> The piece began with a solo violin, which was joined by a tin whistle, which played the same melody but used trills and turns. After the verse the electric bass and acoustic guitar entered, outlining the bass line and chords.
Textures: 1. 2. 3. Overall change:	<b>2.</b> A complex combination of melodies overlapped each other while the cello played a repeated ostinato bass line and the chordal structure was outlined by the woodwind section. The joyous character of the piece changed dramatically to one of melancholy as the cellos played a drone doubled at the octave; a solo violin's high register melody soared above. The cello eventually dropped out, leaving the violin alone to finish the piece and fade into silence.
Textures: 1. 2. 3. Overall change:	<b>3.</b> The upper brass played a fanfare using rhythmic unison outlining both melodic and harmonic lines over a descending crotchet bass line played by lower brass. While the brass continued their harmonic role, a solo trumpet melody emerged from the ensemble. This solo line was added to by a French horn playing in canon. The harmonic instruments dropped out while another trumpet entered as the third canonic line.
Textures: 1. 2. 3. Overall change:	<b>4.</b> The band began with rhythm guitar chords, bass outlining the harmonic structure and drum kit playing in swung time. The singer entered, occasionally doubled in harmony by the backing singers. During the chorus a wailing electric guitar solo soared above the main melody, almost drowning it out at times. During the bridge, the electric guitar melody was doubled at the octave by saxophone that played a less improvised version of this melody. The rhythm guitar and bass continued playing throughout.

# Description Match Up

Draw lines to match up the textural terminology with its correct description

Texture		Description of Texture
Monophonic		Melody doubled at the 8ve, with one melodic line with trills and embellishments
Heterophonic		Unison
Biphonic		Broken chords played on a harp with soprano solo
Homophonic		One melodic line with every second note being much lower in pitch a repeated 'G'
Polyphonic		Melody, chords and a descant line
Monophonic		Melody using parallel thirds and sixths using rhythmic unison
Homophonic		A melody doubled at the octave

# Texture Creating Character

Describe how these characters or moods may be created by the use of musical texture.

## Serene

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## Frantic

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## Chaotic

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## Lonely

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## Triumphant

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# Textural Description Match Up

1. Read through the following descriptions as a class.
2. Look up, define and write in your glossary any terms you are unfamiliar with.
3. Listen to the excerpts as played by your teacher; number the order in which you hear them.

Number	Description
	1. The harmonic outline is sometimes established by lower instruments and at other times by upper instruments with a homophonic texture. The melodic role swaps between instruments. Initially the texture is fairly thin though it builds up and drops away more unexpectedly. The sparse texture uses silence, unaccompanied doubled melody at the 8ve and, later, a solo instrument all of which are different expressions of monophony. A muted instrument solo swaps with the clarinet before a vastly contrasting thicker, homophonic texture occurs.
	2. The thin texture of this piece is hetrophonic. One instrument has the main melody while the other doubles this with different ornamentation. Both instruments use grace notes and turns but not at the same time. The first beat of the bar usually has a grace note. The texture thickens as one instrument takes on a more harmonic role. This creates a thin homophonic texture using open intervals (4ths and 5ths) as accompaniment.
	3. The solo instrument soars over harmonic instruments which outline the bass notes on the first beat of the bar with chords played by the string section through long held notes. The homophonic texture is initially thin but becomes thicker with the other beats of the bar outlining the harmony becoming fuller and lushier as the piece progresses. The increased thickness in texture is also aided by the string section taking over the main melody playing in a call and response style. This call and response style hints at polyphony.
	4. This work begins with a sparse texture, light chords outlining the harmony. Backing vocals punctuate the main melody by doubling at the octave, initially intermittently but more persistently as the piece continues to have a whole section doubled at the octave. The homophonic texture continues through the chorus, though it is thicker due to the use of parallel harmonies in rhythmic unison, while still doubled at the octave.
	5. The thin texture of this piece flirts with biphonic texture through use of a drone and light polyphony through conflicting, short melodic motifs. Once the piece begins to establish itself into a more predictable rhythm the chordal accompaniment is expressed with finger picked broken chords and with a dominating bass line. The texture becomes thicker as more instruments fill out the harmony. Counter melodies with long rhythmic values change the homophonic texture to polyphonic momentarily.
	6. The polyphonic texture of this piece is immediately apparent with different sounds cascading over each other, though the use of a drone complements the initial sparse texture. This drone divides to create the harmonic line. Homorhythmic treatment of the melodic line and harmony creates a homophonic texture. While the climax of the piece is clearly homophonic it is lead to through complex polyphony in a short space of time. This makes the juxtaposition of textures more pronounced and the clarity of the homophony, by comparison, stand out.

# Texture Practice Example One

Composer: **Bonobo**

Title: **Between the Lines**

Location: <https://www.youtube.com/watch?v=qZ1pkf9DBo4> (first 1 min 19 secs)

Question: **How does changing texture create character in this work?**

**Circle words that describe the initial character of this melody:**

melancholy	tranquil	aggressive	nervous	gentle	triumphant
intense	eerie	foreboding	sinister	dramatic	child-like
relaxed	joyous	laid back	peaceful	soaring	excited

**What is the initial texture of this work?**

monophonic	homophonic	polyphonic	biphonic	heterophonic
dense	sparse	thick	thin	

**Describe how this texture helps create character:** \_\_\_\_\_

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**Does this texture change? Circle change below**

monophonic	homophonic	polyphonic	biphonic	heterophonic
dense	sparse	thick	thin	

**Is there a corresponding change in character? Yes/No**

**If so, what is the new character?**

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## Which instrument plays the bass line if there is one?

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## How are they playing this layer?

walking bass	bass note given on the first beat of the bar	bass note given on other beats of the bar Beats: _____
ostinato	drone	bass line with a melodic purpose

## Describe the bass line and its changes:

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## What instrument/s outline the harmony and how?

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## What instrument/s play the melody and describe how:

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# Texture Practice Example Two

Composer: **Aaron Copland**

Title: **Appalachian Spring - 7**

Location: <https://youtu.be/w5EkDe0VH0s?t=32> (From 32 secs to 2 min 9 secs)

Question: **How does changing texture create character in this work?**

Circle words that describe the initial character of this melody:

melancholy	tranquil	aggressive	nervous	gentle	triumphant
intense	eerie	foreboding	sinister	dramatic	child-like
relaxed	joyous	laid back	peaceful	soaring	excited

What is the initial texture of this work?

monophonic	homophonic	polyphonic	biphonic	heterophonic
dense	sparse	thick	thin	

Describe how this texture helps create character: \_\_\_\_\_

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Does this texture change? Circle change below

monophonic	homophonic	polyphonic	biphonic	heterophonic
dense	sparse	thick	thin	

Is there a corresponding change in character? Yes / No

If so, what is the new character(s)?

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## Which instrument plays the bass line if there is one?

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---

## How are they playing this layer?

walking bass	bass note given on the first beat of the bar	bass note given on other beats of the bar Beats: _____
ostinato	drone	bass line with a melodic purpose

## Describe the bass line and its changes:

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## What instrument/s outline the harmony and how?

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## What instrument/s play the melody and describe how:

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# Texture Analysis - Question Two

Composer: **Bastille**

Title: **Pompeii**

Location: <http://youtu.be/F90Cw41-8NY?t=2m23s> (from 2 min 23 secs to end)

**Outline the textures of this work and the resulting characters.**

Texture and Musical Roles	Resulting Character and Musical Link







## Chapter V

# Blend & Balance of Instrumental Voices

Analysis of **blend and balance** of instrumental voices is an area that involves discussing many other elements. When instruments blend well, this is often because they have similar or complementing **tone colours**.

Balance also often relates to describing the layers of music, so this is where **texture** can be discussed.

# Approach

In your discussion of blend and balance try to answer the following questions:

**Why do parts blend?**

**What elements of music influence blend?**

**What is the balance?**

**What stands out or is further back in the mix?**

**What about the musical elements makes this occur?**

## Texture and Musical 'Space'

The artistic terms 'foreground' 'middle ground' and 'background' can be helpful in describing the role of instruments or voices at these three levels.

### Foreground

Which instrument/s or voice/s play the main role? This is usually the main melody. Which instruments appear to be in the foreground? What is it about these instruments and the blend and balance of musical voices that brings this instrument forward?

### Middle ground

Which instrument/s play in the middle ground? This is usually the harmonic instruments. What is it about the blend and balance of musical voices that creates this effect?

### Background

Which instrument/s are in the background? This is often the bass or rhythm section or it could be punctuating instrumental effects.

An instrument will not always have the same role within the instrumental blend. Sometimes it will be brought forward or sent backwards. When this happens you need to comment on the change and what happened to make it change.

## Blend

Music will sound more blended when the tone colours are similar or unified.

For each of the tone colours stated, list some words that will create a unified, blended sound and others that will create a contrasting overall tone colour. Refer to the vocabulary list in the tone colour chapter if needed.

Tone Colour	Blended colour	Contrasting colour
Mellow		
Nasal		
Clear		
Distorted		

Other factors that will enable blend are pitches of a similar range and register, rhythmic unison and similar dynamics

## Changing Balance

In general, an instrument or voice will move from one level - foreground, middle ground or background - to another through a change in the elements of music.

### Tone colour

A brighter or more nasal or harsh tone colour can move an instrument forward, while a more mellow or aspirate tone colour will send it back in the mix.

### Technique/articulation

Pizzicato generally has a much quieter sound and duller tone colour than arco (bowed) notes. This will naturally move a line back in the mix. Equally, the use of mutes can change the blend and balance. Different brass mutes will make the tone colour more piercing or duller. On a stringed instrument, a mute will lower the dynamic level and make the timbre more mellow, thus moving the sound to the background.

### Dynamics

Louder dynamics will bring a musical part to the foreground. Softer dynamics will send it back.

### Melody

When a melody ascends to a higher register this often brings the sound to the foreground. Equally, going lower may send it back in the mix.

# Blend Identification

1. Listen to the excerpts as played by your teacher.
2. State whether there is an overall blend or clash in the work.
3. Name three musical reasons for this blend.

Item	Analysis
<p><a href="https://www.youtube.com/watch?v=Y62CP0GeyQQ">https://www.youtube.com/watch?v=Y62CP0GeyQQ</a></p> <p>Miriam Hyde - String Quartet In E minor - Australian String Quartet (first 31 secs)</p>	<p>Overall:</p> <p>1.</p> <p>2.</p> <p>3.</p>
<p><a href="https://www.youtube.com/watch?v=2LDgos73xIc">https://www.youtube.com/watch?v=2LDgos73xIc</a></p> <p>Grieg - String Quartet (excerpt 2) - Australian Chamber Orchestra performs (first 33 secs)</p>	<p>Overall:</p> <p>1.</p> <p>2.</p> <p>3.</p>
<p><a href="https://www.youtube.com/watch?v=LD14I7gB1Ck">https://www.youtube.com/watch?v=LD14I7gB1Ck</a></p> <p>Penderecki - 'Dimensions of Time and Silence' (first 45 secs)</p>	<p>Overall:</p> <p>1.</p> <p>2.</p> <p>3.</p>
<p><a href="https://www.youtube.com/watch?v=Ub7CRV8_e2g">https://www.youtube.com/watch?v=Ub7CRV8_e2g</a></p> <p>Cold Chisel - 'Khe Sanh' (first 51 secs)</p>	<p>Overall:</p> <p>1.</p> <p>2.</p> <p>3.</p>
<p><a href="https://www.youtube.com/watch?v=dzIJ-Ag0bto">https://www.youtube.com/watch?v=dzIJ-Ag0bto</a></p> <p>Percy Grainger - 'Handel in the Strand' - North Texas Wind Symphony (first 35 secs)</p>	<p>Overall:</p> <p>1.</p> <p>2.</p> <p>3.</p>

# How does the Blend and Balance of Musical Voices Create Character?

Brainstorm some possible ways blend and balance of instrumental voices can create the following textures. Mention the role of tone colour, dynamics and texture in creating these.

## Tranquil

**General:**

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**Background:**

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**Middle Ground:**

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---

**Foreground:**

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## Energetic

**General:**

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**Background:**

---

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**Middle Ground:**

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**Foreground:**

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## Foreboding

**General:**

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**Background:**

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**Middle Ground:**

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---

---

**Foreground:**

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---

## Menacing

**General:**

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**Background:**

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**Middle Ground:**

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**Foreground:**

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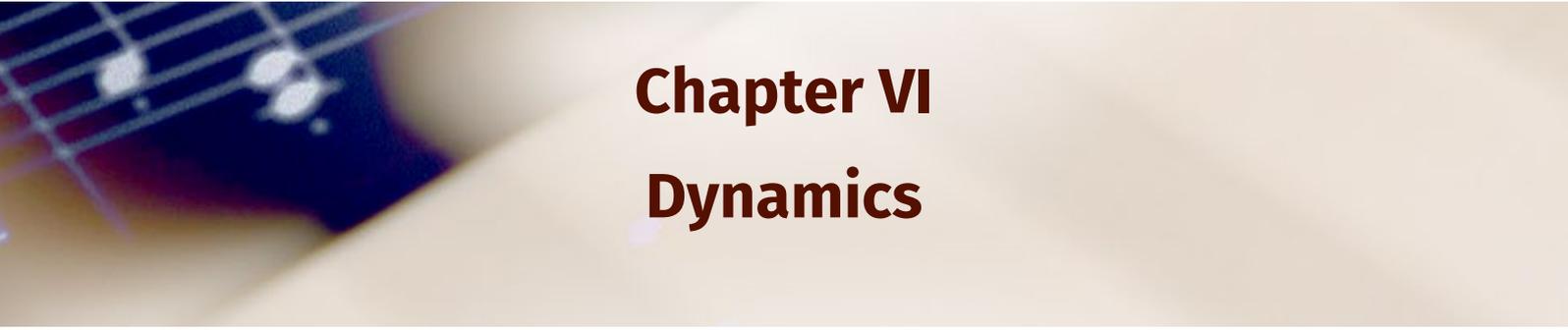
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## Chapter VI

# Dynamics

Analysis of dynamics necessarily involves a discussion of the other elements of music - how they interact to create something that is loud or soft, getting louder or getting softer.

The discussion of dynamics involves more than simply stating what the dynamics are in a piece of music. It can be more comprehensively analysed through describing **why** the music is loud or soft.

# Dynamic Analysis Strategy

Asking the following two simple questions will deepen our analysis of dynamics considerably:

**Why is something soft or loud?**

*and*

**What causes dynamic change?**

The answers to these questions can be found in the **elements of music**. For example:

- A soft dynamic can be created through using warm, resonant tone colours.
- A louder dynamic can be enhanced by thick texture with many melodic layers – polyphony
- The dynamics may gradually become louder as more instruments are added.
- The dynamics may gradually become softer as the melody line descends from a high to low register.
- The dynamics may seem louder by using rhythm of shorter duration or a faster tempo.
- The dynamics may be loud through the ensemble using more force, pressure, air or weight.
- Dynamics may change because of different articulation. Pizzicato, or plucked, articulation will usually be softer than arco, or bowed, articulation.

So our task is to identify **which elements of music** are contributing to the **dynamics** and **dynamic change**.

# Dynamics Terminology

Dynamics refers to how loud or soft the music is. Dynamics can also describe changes in volume from loud to soft or from soft to loud. This can be sudden or more gradual.

## Types of dynamics

Symbol	Term	Description	Voice
<i>ppp</i>	pianississimo	very very soft	whispering
<i>pp</i>	pianissimo	very soft	almost at a whisper
<i>p</i>	piano	soft	softer than speaking
<i>mp</i>	mezzo-piano	moderately soft	speaking voice
<i>mf</i>	mezzo-forte	moderately loud	
<i>f</i>	forte	loud	louder than speaking
<i>ff</i>	fortissimo	very loud	speaking loudly
<i>fff</i>	fortississimo	very very loud	yelling

Symbol	Term	Description
$\lessgtr$	crescendo	getting louder
$\gtrless$	discrecdo (diminuendo)	getting softer
$>$	accent	a note played louder or emphasised more than others
$\lessgtr \gtrless$	dynamic swell	crescendo followed by diminuendo
	terraced dynamic	sections of loud followed by sections of soft

## Descriptions of Change and Expressions

The following terms are also useful when describing dynamics:

*Suddenly becoming (subito) [loud/soft]*

*Gradually becoming...[insert dynamic]*

**Loud interjection from [Instrument/group of instruments]**

**Quiet straining from [Instrument/s]**

Al niente – to nothing

*Morendo – dying away*

**Building as more [instruments] are added**

**Up to the climax of [eg. a brass fanfare/a percussive march/an extended chord]**

Sudden and unexpected [forte/piano]

*Fading away to [nothing] to reveal a...*

**Building to a [crescendo/climax]**

**Shocking and unexpected [dynamic] through a sudden change of dynamic from [dynamic to dynamic]**

Unfortunately, this is where an analysis of dynamics often ends.  
There is so much more to it.

# Dynamics Analysis Task

Listen to the following excerpts.

1. Identify the dynamics
2. Referring to specific elements of music, give three reasons why the dynamics are the way they are.

Item	Analysis
<p><b>Olly Friend</b> <b>Shoulders</b> <a href="https://www.youtube.com/watch?v=dS-HWhj_BzU">https://www.youtube.com/watch?v=dS-HWhj_BzU</a> (first 57 secs)</p>	<p>Dynamics:</p> <p>Analysis:</p>
<p><b>Gospel of the Horns</b> <b>Conquering Self</b> <a href="https://www.youtube.com/watch?v=MjASw8RfGcY">https://www.youtube.com/watch?v=MjASw8RfGcY</a> (first 26 secs)</p>	<p>Dynamics:</p> <p>Analysis:</p>
<p><b>Igor Stravinsky</b> <b>Symphony of Psalms, opening.</b> <a href="https://www.youtube.com/watch?v=7AEyByiiN7g">https://www.youtube.com/watch?v=7AEyByiiN7g</a> (first 32 secs)</p>	<p>Dynamics:</p> <p>Analysis:</p>

Item	Analysis
<p><b>Elena Kats-Chernin</b>  <b>Chamber Of Horrors</b>  <a href="https://www.youtube.com/watch?v=Ds3HKnNY76o">https://www.youtube.com/watch?v=Ds3HKnNY76o</a>  <i>(first 1 min 20 secs)</i></p>	<p>Dynamics:</p> <p>Analysis:</p>
<p><b>Bec Laughton</b>  <b>Number One Heartbreak</b>  <a href="https://www.youtube.com/watch?v=nVg-Hbuv7AU">https://www.youtube.com/watch?v=nVg-Hbuv7AU</a>  <i>(first 1 min 10 secs)</i></p>	<p>Dynamics:</p> <p>Analysis:</p>





## Instrumentation

For example: Adding instruments generally makes the sound louder, subtracting instruments usually makes a sound softer.

Moving from one instrumental family – e.g. the brass to the woodwind family can lead to softer dynamics.

**Your examples:**

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## Harmony

For example: Clashing harmony may sound louder than consonant harmony.

**Your examples:**

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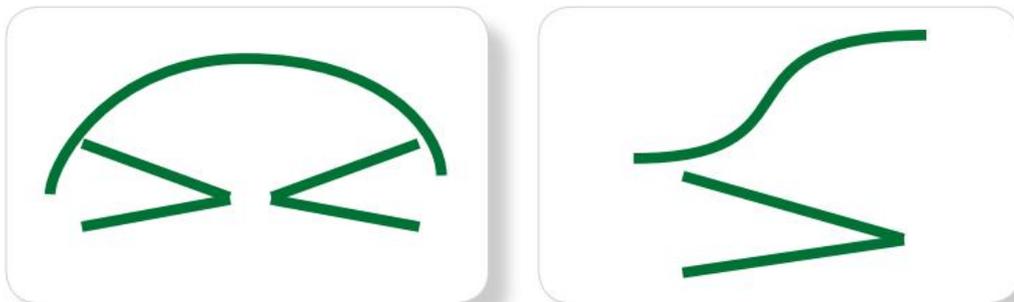
## Dynamic Change using Melodic Factors

Dynamic change can often be linked to the rise and fall of melodic contour. As the pitch rises, so does the dynamics:

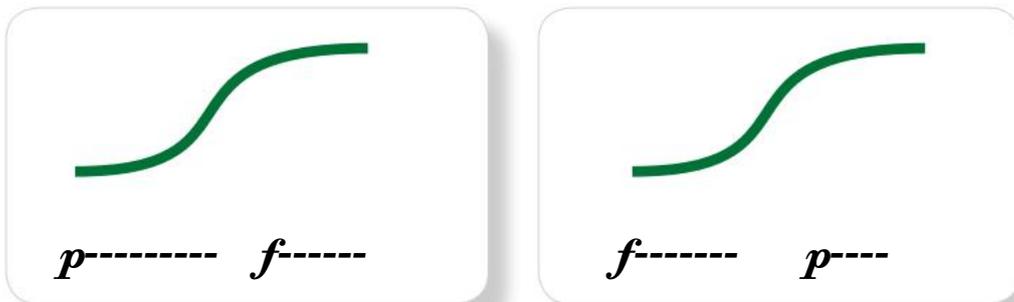


Dynamic emphasis or accent placed according to word stress eg. 'SOMething'

Equally, dynamics can defy the contour. This may take more effort but can also have an effect on the character of the sound, as what is being attempted dynamically is unexpected.



Dynamics can Complement (or contrast with) register changes:



Dynamics can also match phrase length:



## Other Possibilities

If in doubt RESIST saying that there is no change in dynamics or that the dynamics stay the same the whole way through! Look for subtle fluctuations in dynamics – e.g. slightly louder as a phrase develops; getting louder in an ascending sequence

### Reflective of a form

e.g. A soft, B loud

**Other examples:**

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### Reflective of a style

dynamics, soft lullaby, loud march etc.

**Other examples:**

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### Irony in dynamics

This is the opposite of what is expected and can be used to create humour, drama or pathos within music.

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# Irony in Dynamics

Listen to the following melodies. Example One is typical of the barbershop style and has the expected dynamic range. Example Two treats dynamics completely differently. Take notes on the dynamics used in each example and give a few reasons why they are this way.

## Example One

**Performer:** The Chordettes

**Title:** Mr Sandman

**Location:** <https://www.youtube.com/watch?v=CX45pYvxDiA> (entire work)

Dynamic Level	Contributing Factors
Piano dynamic in introduction before voices enter	
Comfortable, moderately overall <b>mf</b> level in voices	
Change to louder dynamic at - "and tell him that his lonesome nights are over"	

## Example Two (use of irony)

**Performer:** Blind Guardian

**Title:** Mr Sandman

**Location:** <http://youtu.be/gq2LtmyjfLw?t=1m18s> (From 1 minute 18 seconds)

Dynamic Level	Contributing Factors
Mezzo piano dynamic in introduction before electric guitar enters	
Increase in dynamics with instruments added	
Change to louder dynamic as male vocals enter	

# Word Painting

Word painting occurs when a concept is mirrored in the music. This may not just relate to dynamics. There are examples of music reinforcing words using other elements.

1. Listen to the following excerpts.
2. Identify the instances of word painting from the lyrics
3. State what elements of music help enhance these lyrics and how

Item	Analysis
<p><b>Garth Brooks</b> <b>I got friends in low places</b> <a href="https://www.youtube.com/watch?v=mvCgSqPZ4EM">https://www.youtube.com/watch?v=mvCgSqPZ4EM</a> (entire work)</p>	
<p><b>The King's singers</b> <b>Fair Phyllis I saw</b> <a href="https://www.youtube.com/watch?v=A3yy_ZT_e64">https://www.youtube.com/watch?v=A3yy_ZT_e64</a> (entire work)</p>	

Item	Analysis
<p><b>Isley Brothers</b>  <b>Shout</b>  <a href="https://www.youtube.com/watch?v=kke9kaV9sMU">https://www.youtube.com/watch?v=kke9kaV9sMU</a>  <i>(from 2 min 38 secs)</i></p>	
<p><b>Bjork</b>  <b>It's all so Quiet</b>  <a href="http://youtu.be/BWD3GRgr02E?t=22s">http://youtu.be/BWD3GRgr02E?t=22s</a>  <i>(from 22 secs)</i></p>	
<p><b>Pitbull</b>  <b>Fire</b>  <a href="https://youtu.be/If27FnxvjZA?t=2m52s">https://youtu.be/If27FnxvjZA?t=2m52s</a>  <i>(from 2min 52 secs)</i></p>	

# Dynamics Reflective of a Mood

Often dynamics help create a particular mood, atmosphere or character.

Soft dynamics can help create a 'laid back' mood, while loud dynamics enhance a more energetic mood.

**Other examples:**

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## Silence

Silence is also worth mentioning when discussing dynamics by answering the following questions:

**Where is the silence?**

**Possibilities:**

Between verse and chorus, before the final chord, interrupting the middle of a phrase, at the end of a section.

**How long is it?**

**Possibilities:**

A brief pause, an extended silence, two beats long, a quaver long.

**What is the character of the silence?**

**Possibilities:**

Dramatic pause, sudden and unexpected silence, suspenseful, isolated, interrupting, organic or natural.

## Causes of dynamic change

Rhythm

Changing tone colour

Changing register

Change in texture

Add/subtract instruments

## Types of dynamics

## Other possibilities

# Dynamics Summary

Reflective of the  
melodic line

General  
descriptions

Descriptions of changes

Silence

# Dynamics and Character (mood)

1. Listen to the following examples
2. State the character (mood) created
3. List three ways in which dynamics help contribute to that character
4. Comment on how dynamics are caused

Item	Analysis
<p><b>John Antill</b> <b>Harmonica Concerto</b> <a href="https://www.youtube.com/watch?v=y7c8qrbDmKQ">https://www.youtube.com/watch?v=y7c8qrbDmKQ</a> (First two minutes)</p> <p><b>Character:</b></p>	
<p><b>Outback</b> <b>Airplay</b> <a href="https://www.youtube.com/watch?v=455wX991b8w">https://www.youtube.com/watch?v=455wX991b8w</a> (entire work)</p> <p><b>Character:</b></p>	

Item	Analysis
<p><b>Evita</b></p> <p><b>The money keeps rolling in</b></p> <p><a href="https://www.youtube.com/watch?v=mGwLgov8Bkk">https://www.youtube.com/watch?v=mGwLgov8Bkk</a></p> <p><i>(entire work)</i></p> <p><b>Character:</b></p>	
<p><b>Labyrinth</b></p> <p><b>Ross Bolleter</b></p> <p><a href="https://www.youtube.com/watch?v=hwVAC1Yh06M">https://www.youtube.com/watch?v=hwVAC1Yh06M</a></p> <p><i>(entire work)</i></p> <p><b>Character:</b></p>	
<p><b>Oh Pep!</b></p> <p><b>Rest Assured</b></p> <p><a href="https://www.youtube.com/watch?v=E9HfNAVxPMU">https://www.youtube.com/watch?v=E9HfNAVxPMU</a></p> <p><i>(first 1 min 30 secs)</i></p> <p><b>Character:</b></p>	



# Dynamics Analysis - Question One

Composer: **Nigel Westlake**

Title: **Antarctica Suite for Guitar and Orchestra**  
**Mvt I, The Last Place On Earth**

Location: <https://www.youtube.com/watch?v=vS1Mrb0k1qA> (*whole piece*)

**How do dynamics help paint the isolation and harsh extremes of nature suggested in the title 'The last place on earth'?**

**Dynamic overview:** \_\_\_\_\_  
\_\_\_\_\_

**Character:** \_\_\_\_\_  
\_\_\_\_\_

**Change in dynamic A:** \_\_\_\_\_

**How is this change achieved through the elements of music?**

**(Melody, rhythm, texture, tone colour, instrumentation, technique, harmony)**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Character:** \_\_\_\_\_  
\_\_\_\_\_

**Change in dynamic B:** \_\_\_\_\_

**How is this change achieved through the elements of music?**

**(Melody, rhythm, texture, tone colour, instrumentation, technique, harmony)**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Character:** \_\_\_\_\_  
\_\_\_\_\_











## **Chapter VII**

# **Articulation**

Articulation refers to the treatment of particular notes. It refers to how a note begins and ends, how each note is played and similarities or differences in how other notes are played.

# Articulation Activities

Read through the following descriptions as a class, listen to the excerpts and match the descriptions with the music.

Item	Description
1	The most common articulation in this work is a sharp attack, especially brought out by the woodblock's percussive elements. The use of ascending glissandi increases the tension. It is sometimes used at a rapid pace over an extreme range and sometimes used more slowly over a more limited range. The gradual fade to the end of the piece is in stark contrast to those sharp attacks, though some acoustic mix makes the wooden sounds ring out for a more gradual decay. The sharp attacks on woodblocks and long held pitches with extended glissandi create dramatic contrast.
2	The use of long held notes with subtle changes in pitch through glissandi contrasts greatly with the use of tremolo in percussive instruments. This is further enhanced by the use of vibrato of varying speeds, almost imperceptibly at times, then growing and fading. The lingering decay through use of sustain pedal blends one sound into another and creates a sense of layering of sound, even though the instrumentation is fairly sparse.
3	The juxtaposition of short, sharp staccato notes with legato passages is complemented by similar articulation in the accompanying instrument. Sometimes these articulations occur simultaneously, staccato matching staccato. At other times legato passages overlap staccato articulation creating contrast. Tremolo in the accompaniment; the use of grace notes, accents and tenuto notes; and the fact that articulation changes suddenly and dramatically - all add to the unpredictable, unsettled character.
4	The articulation of the accompanying parts is fairly smooth and legato initially but use of staccato coincides with this articulation in the main melody, to highlight the end of passages. A sharp, accented attack and gradual decay gives an impression of staccato as the intensity of accompanying notes fades fairly quickly after its initial statement. The main melody, while not staccato, is fairly separated. The performer uses a fairly tight vibrato and the use of aspirate elements to fade notes. They also use a 'falling off the note' technique to leave some notes. Further accompanying lines contrast by giving long held drones that fade in and out, while contrasting articulation adds to the layered effect. This use of long held, legato notes is later mirrored by the main melodic line.
5	A drone is rhythmically rearticulated with restraint to open this piece. The articulation here is legato as the overall tone is sustained, despite being restated. This rearticulation is mirrored in the vocal line but the statement of each note varies according to the lyrics. Some notes have a 'creak' or vocal fry onset. Others fall off the notes or have tight, subtle vibrato to vary each note. When other accompanying instruments enter - percussion with sharp, staccato notes are used. These notes have a slight echoing decay to longer echoing decay depending on the properties of each instrument. The electric guitar has long, legato, sustained chords that are strummed. The guitar also picks out individual notes clearly over the top of this accompaniment.
6	The variety of articulation is set up in the first few seconds of this work. Ricochet bowing in the cello, with staccato articulation; unstable upward and downward bends in the wind instruments; premature decay in the cymbal; short, attack and decay with percussive sounds and the use of trills - this variety helps create a sense of restlessness. These are also contrasting longer attacks and decays; to shorter, echoing decays; to sound being prematurely cut off.

Listening Excerpt	Description Item
<p><b>Composer:</b> Brenton Broadstock  <b>Title:</b> Beast from Air  <b>Location:</b> <a href="https://youtu.be/MBYORy2RG1c?t=22">https://youtu.be/MBYORy2RG1c?t=22</a>  <i>(first 2 minutes)</i></p>	
<p><b>Composer:</b> Stephen Adams  <b>Title:</b> Saying Noh - Dry  <b>Location:</b> <a href="https://soundcloud.com/texturetext/saying-noh-dry">https://soundcloud.com/texturetext/saying-noh-dry</a>  <i>(whole piece)</i></p>	
<p><b>Composer:</b> Liza Lim  <b>Title:</b> Songs found in Dream  <b>Location:</b> <a href="https://vimeo.com/13414089">https://vimeo.com/13414089</a> <i>(2 minutes)</i></p>	
<p><b>Composer:</b> Katie Noonan/George  <b>Title:</b> The Special Ones  <b>Location:</b> <a href="http://www.youtube.com/watch?v=Hi1iGnz2b74">http://www.youtube.com/watch?v=Hi1iGnz2b74</a>  <i>(2 minutes 30 seconds)</i></p>	
<p><b>Composer:</b> Megan Washington  <b>Title:</b> How to Tame Lions  <b>Location:</b> <a href="http://www.youtube.com/watch?v=LBSqgCZWavc">http://www.youtube.com/watch?v=LBSqgCZWavc</a>  <i>(to 1 minute 30 - fade out!)</i></p>	
<p><b>Composer:</b> Richard Meale  <b>Title:</b> Sonata for Flute and Piano  <b>Location:</b> <a href="http://www.youtube.com/watch?v=eFksERNVCg">http://www.youtube.com/watch?v=eFksERNVCg</a>  <i>(first 2 minutes)</i></p>	

# General Articulation

Articulation can be general, applicable to all instruments, but can also be instrument specific.

## Staccato

Short and detached, notated as a dot above the note



## Legato

Smooth and well connected, often shown marked by a slur



## Tenuto

Note held for full length, shown with a line above the note



## Trills

Rapidly ascending and descending from current note to the note above.



## Glissando/bend

Sliding off a note. It is possible to glissando from one note to another or less purposefully. A bend is a small glissando and is vocabulary specific to Jazz styles. Glissandi can be notated using a straight or wavy line.



## Grace notes/ghost notes

Almost 'accidental' notes, which are glanced over. Notated as a smaller note head. This example denotes the Appoggiatura and Acciaccatura (crossed out) grace notes which is played shorter. In the Jazz style these would be called "ghost" notes.



## Accent

A note that is played louder and more forcefully than the others.



# Attack and Decay

An analysis of articulation needs to cover how a note begins - its attack; and how a note ends - its decay. These may either be short, moderate or long in duration.

Here is some appropriate vocabulary to describe attack and decay.

**Does the note start with a quick attack, or is it emerging and gradual?**

**Does the note have a sudden decay?**

**Is it lingering? Interrupted?**

**Organic? (natural, what you expect, also applies to attack)**

**Prolonged or clipped? (long or short)**

Attack (onset)	Attack & Decay	Decay (fade or release)
<i>Sharp</i>	<b>Sudden</b>	<i>Interrupted</i>
<b>Jolting</b>	<i>Layered</i>	<b>Long</b>
Explosive	<b>Gradual</b>	<i>Lingering</i>
<b>Light</b>	Extended	<b>Fading</b>
<i>Subtle</i>	<b>Prolonged</b>	Echoing
<b>Emerging</b>	<i>Organic</i>	<b>Clipped</b>
Precise	<b>Short</b>	
<b>Building</b>	<i>Blurry</i>	
<i>Hard</i>	<b>Instantaneous</b>	
<b>Double</b>	<i>Muffled</i>	
Crisp	<b>Muted</b>	
	Abrupt	

**Some articulation is specific to the instrument while others are achievable on a range of instruments.**

# Common Vocal Articulation

Vocal articulation relates to breathing and vocal technique. Many instruments use breath to make their sound. In fact, all instruments even those whose sound is not formed by breath, have a connection to the breath. Just watch a good cellist or pianist and see how their breath informs their playing! Because of this, vocal articulation is worth studying specifically and many of these types of articulation can be replicated on other instruments.

## Aspirate onset

Where the air comes before the sound.

<b>Composer:</b> <a href="#">Jeff Barry &amp; Peter Allen</a>	Example: " <b><i>But I've got</i></b> "
<b>Title:</b> <a href="#">I honestly Love you</a>	
<b>Location:</b> <a href="http://youtu.be/4M8Y18yYodc?t=35s">http://youtu.be/4M8Y18yYodc?t=35s</a>	

## Glottal onset

The vocal folds are brought together before the sound giving a more abrupt onset. This onset needs to be on a vowel.

<b>Composer:</b> <a href="#">Christine McVie</a>	Example: Lyric ' <b><i>And</i></b> '
<b>Title:</b> <a href="#">Songbird</a>	
<b>Location:</b> <a href="http://youtu.be/bTNLYeaL7No?t=1m">http://youtu.be/bTNLYeaL7No?t=1m</a>	

## Vocal fry or 'creak' onset

This onset sounds like a creaking door.

<b>Composer:</b> <a href="#">Jeff Barry &amp; Peter Allen</a>	Example: " <b><i>We both know</i></b> "
<b>Title:</b> <a href="#">I honestly Love you</a>	
<b>Location:</b> <a href="http://youtu.be/4M8Y18yYodc?t=27s">http://youtu.be/4M8Y18yYodc?t=27s</a>	

## Flip onset

This involves a change from chest to head voice, similar to yodelling.

<b>Composer:</b> <a href="#">Jeff Barry &amp; Peter Allen</a>	Example: at the end of the lyric " <b><i>Crying</i></b> "
<b>Title:</b> <a href="#">I honestly Love you</a>	
<b>Location:</b> <a href="http://youtu.be/6Ejga4kJUts?t=1m27s">http://youtu.be/6Ejga4kJUts?t=1m27s</a>	

## Gospel release

Finishing a note with an extra syllable release such as '***hey***' or '***ah***'.

<b>Composer:</b> <a href="#">Siedah Garrett &amp; Glen Ballard</a>	Example: at the end of the lyrics ' <b><i>mind</i></b> ' and ' <b><i>street</i></b> '
<b>Title:</b> <a href="#">Man in the Mirror</a>	
<b>Location:</b> <a href="https://www.youtube.com/watch?v=Zqe5NP860Cc">https://www.youtube.com/watch?v=Zqe5NP860Cc</a>	

## Downward bend

A little glissando or 'bend' downward at the end of a phrase. After '**wanna be**', especially in the back up singers. Note you can bend down to another note or just drop off purposelessly.

**Composer:** Gerry Goffin, Carol King & Jerry Wexler  
**Title:** Natural woman  
**Location:** <http://youtu.be/dEWuAcMWDLY?t=2m4s>

Example: "**Wanna be**"

## Upward bend

Upward bends, where a small glissando ascends at the end of a note, is also possible.

A further explanation of different types of onsets can be found here:

**Location:** <http://youtu.be/WkeJWucvctM?t=21s>  
(whole video)

# Articulation Analysis - Exercise 1

Composer: **Missy Higgins**

Title: **Don't Ever**

Location: <https://www.youtube.com/watch?v=S3IGm-1cKqc> (*whole piece*)

1. Listen to 'Don't Ever' by Missy Higgins following the lyrics

2. Annotate the lyrics, either by using words or drawing representative symbols (for example, an arrow pointing up to show an upward bend, as shown in the table below).

## Representative Symbols

Upward bend - ↗

Downward bend - ↘

Creak - ~

Gospel release - **O**

flip onset - ↑

Aspirate onset - .....

Glottal onset - **G**

etc.

Let's take the train to anywhere

I wanna feel the wind in my hair with you.

Let's tell them all, that soon they'll know

How very wrong they were to think we'd never go,

And if you tell me yours I'll tell you mine

And we will clean the cobwebs out of one another's minds.

Don't ever say you've tried to leave me in this life

Don't ever say you've tried for the last time.

We'll get a house where the trees hang low and pretty little flowers

On our window sill will grow

We'll make friends with the milkman and the butcher Mr. Timms

Will give us discounts when he can,

And if you tell me yours I'll tell you mine

And we will clean the cobwebs out of one another's minds.

Don't ever say you've tried to leave me in this life

Don't ever say you've tried for the last time

LA DI DA DI DA...

Don't ever say you've tried to leave me in this life

Don't ever say you've tried to leave me in this life

Don't ever say you've tried for the last time...

Written by Missy Higgins and Kevin Griffin.  
Published by Control / Tentative Music Inc. (Admin. by Warner Chappell)  
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# Instrument Specific Articulation

Different instruments have different techniques and articulation specific to that instrument. Some of these are listed below. This is an extensive area of research and a summary of these techniques and influences is presented below for most instrumental groups. A quick YouTube search provides many demonstrations of techniques and influences on articulation.

Main factors influencing Articulation	Demonstration
<p><b>Percussion</b></p> <p>Material the stick is made out of:</p> <ul style="list-style-type: none"> <li>• <b>Hard sticks</b> or <b>Rim shots</b> sharp attack, sudden decay</li> <li>• <b>Soft headed sticks</b> emerging attack, long, lingering decay</li> <li>• <b>Technique</b> e.g. rolls – vary in attack and decay</li> <li>• <b>Brushes</b> emerging attack, sudden decay (can vary)</li> </ul>	<p><b>Location:</b>  <a href="https://www.youtube.com/watch?v=DPoEzXLmVjg">https://www.youtube.com/watch?v=DPoEzXLmVjg</a>  <i>(whole video)</i></p> <p>Or search for <b>Orchestral Percussion Techniques</b></p>
<p><b>Piano</b></p> <p>Touch &amp; Pedal.</p> <ul style="list-style-type: none"> <li>• <b>Soft pedal</b> can create a shorter decay</li> <li>• <b>Sustain pedal</b> prolongs the attack significantly - this can have an abrupt decay once the foot is removed from this pedal.</li> <li>• <b>Touch</b> the way in which the notes are played - finger pressure and speed will change attack in particular</li> </ul>	<p><b>Piano Pedals</b></p> <p><b>Location:</b>  <a href="https://www.youtube.com/watch?v=Ys3KNI5itWU">https://www.youtube.com/watch?v=Ys3KNI5itWU</a>  <i>(whole video)</i></p> <p><b>Piano Touch:</b></p> <p><b>Location:</b>  <a href="https://youtu.be/QL5Ze64Wo2I?t=11m30s">https://youtu.be/QL5Ze64Wo2I?t=11m30s</a>  <i>(whole video)</i></p>
<p><b>Woodwind</b></p> <p>tongue air pressure flutter tonguing trill double tonguing growls slap tongue over blowing slurring</p>	<p><b>Air and Percussive Sounds for the Flute:</b></p> <p><b>Location:</b>  <a href="https://www.youtube.com/watch?v=9cGJ-Y1EviI">https://www.youtube.com/watch?v=9cGJ-Y1EviI</a>  <i>(whole video)</i></p> <p><b>Klezmer Techniques for the Clarinet:</b></p> <p><b>Location:</b>  <a href="https://youtu.be/XvdTBCmXELs?t=1m32s">https://youtu.be/XvdTBCmXELs?t=1m32s</a>  <i>(whole video)</i></p>

Main factors influencing Articulation	Demonstration
<p><b>Brass</b></p> <p>air pressure use of mutes tonguing</p>	<p><b>Mutes:</b></p> <p><b>Location:</b> <a href="https://www.youtube.com/watch?v=S8sF3AqucjE">https://www.youtube.com/watch?v=S8sF3AqucjE</a> (whole video)</p> <p><b>Air:</b></p> <p><b>Location:</b> <a href="https://www.youtube.com/watch?v=Rp21n86xf-Q">https://www.youtube.com/watch?v=Rp21n86xf-Q</a> (whole video)</p>
<p><b>Strings</b></p> <p>bow speed and pressure use of mutes slurring notes separate bow per note</p>	<p><b>Bow Speed and Pressure:</b></p> <p><b>Location:</b> <a href="https://www.youtube.com/watch?v=zxsgC1Kozyo">https://www.youtube.com/watch?v=zxsgC1Kozyo</a> (whole video)</p> <p><b>String Mutes:</b></p> <p><b>Location:</b> <a href="https://youtu.be/9hverLkB72o">https://youtu.be/9hverLkB72o</a> (whole video)</p>

# Articulation Application Exercise 1

Research some of the instrument specific articulation used on your instrument.

## 1. What are the main influences on attack and decay?

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## 2. What techniques are used to produce particular articulation?

Articulation: \_\_\_\_\_

Technique Described: \_\_\_\_\_

Effect on Attack and Decay: \_\_\_\_\_

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Articulation: \_\_\_\_\_

Technique Described: \_\_\_\_\_

Effect on Attack and Decay: \_\_\_\_\_

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## 3. What extended techniques or unusual forms of articulation are used on your instrument?

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## 4. Find a demonstration video or recording that demonstrates the technique you described.

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# Articulation Application Exercise 2

Research some of the instrument specific articulation used on an instrument you are unfamiliar or less familiar with.

## 1. What are the main influences on attack and decay?

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## 2. What techniques are used to produce particular articulation?

**Articulation:** \_\_\_\_\_

**Technique Described:** \_\_\_\_\_

**Effect on Attack and Decay:** \_\_\_\_\_

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**Articulation:** \_\_\_\_\_

**Technique Described:** \_\_\_\_\_

**Effect on Attack and Decay:** \_\_\_\_\_

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## 3. What extended techniques or unusual forms of articulation are used on your instrument?

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## 4. Find a demonstration video or recording that demonstrates the technique you described.

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# Articulation and Character

Brainstorm ways in which articulation can aid in creating the following character.

## Relaxed

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## Excited

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## Insecure

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## Chaotic

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## Chapter VIII

# Harmony

Harmony is created when two or more pitches sound at the same time.

Harmony often creates chords and a discussion of harmony can involve exploring their function, resolution and the techniques used to create them.

Harmony can also be created by the use of more horizontal movement. In biphony - melody with a drone - a melody will create different intervals in relation to a drone. This will cause dissonance or consonance as the melody moves.

In polyphony, likewise, the added horizontal movement of melodic lines influences the harmony. This often suggests more complex, fleeting or rapid harmonic and functional change.

# Harmonic Techniques

## Video Example of Harmonic Techniques:

These musical examples can be heard on the *Listening Beyond Hearing* Website:

<https://listeningbeyondhearing.com.au/harmonic-techniques/>

Some of the more common ways used to create harmony are demonstrated below. These include chords with notes played simultaneously or separately. The number of notes can make either dense or thin layers. Harmony can either be complex or simple.

## 1. Block chords

Timothy Mallis

$\text{♩} = 120$

*mf*

*mp*

**rall.**

F C/E F B $\flat$  F/C C<sup>7</sup> F

F: I V<sup>6</sup> I IV V<sub>4</sub><sup>6</sup> -  $\frac{7}{3}$  <sup>5</sup> I

Block chords are notes that are played together in rhythmic unison that form harmony. Here the right and left hand play many chords in rhythmic unison forming block chords. Much of the melody itself occurs in rhythmic unison, reinforcing this idea.

## 2. Broken chords

Timothy Mallis

$\text{♩} = 145$

*mf*

*mp*

**rall.**

F C F B $\flat$  F/C C<sup>7</sup> F

F: I V I IV V<sub>4</sub><sup>6</sup> -  $\frac{7}{3}$  <sup>5</sup> I

Broken chords are chords that are split into their constituted notes and are not played simultaneously. They are also known as an arpeggio. Broken chords are an example of implied harmony. Although pitches are not played at the same time, the chord outlined is still heard due to the proximity of notes played. In this example, the chords are split into single notes which are played one after the other, mostly from bottom to top. Occasionally pitches from the chord are restated.



## 5. Counterpoint

Timothy Mallis

The musical score is written for piano and bass clef in 4/4 time. The key signature has one flat (B-flat). The score is divided into two systems. The first system consists of two staves. The upper staff (treble clef) begins with a piano (*mp*) dynamic and features a melodic line with several triplet markings. The lower staff (bass clef) begins with a fortissimo (*ff*) dynamic and contains a bass line with a clear harmonic function, including a triplet. The second system also consists of two staves. The upper staff continues the melodic line with triplets and ends with a fermata. The lower staff continues the bass line with a triplet and ends with a fermata.

Counterpoint has two or more melodies played simultaneously that are melodically independent but harmonically dependent.

In this example, the melody is still clearly stated in the top voice, while other parts interplay using arpeggiation, sequential movement and scalar runs. The bottom line has a clear harmonic function.

# Types of Harmony

Particular intervals played simultaneously create either consonance or dissonance. Some typical types of harmony are listed below.

## Video Example of Types of Harmony:

These musical examples can be heard on the *Listening Beyond Hearing* Website:

<https://listeningbeyondhearing.com.au/types-of-harmony/>

## 1. Consecutive 3rds and 6ths

Timothy Mallis

**rall.** . . .

♩ = 136

*mf*

6ths  
*mf*

3rds

6ths

Consecutive 3rds and 6ths are notes played simultaneously with an interval of a third or sixth between them. They are sometimes referred to as parallel 3rds or 6ths.

In this example, the intervals used are marked below. Thirds and sixths are an inversion of each other, so they work well together to create pleasant sounding harmony. The third degree of a chord is the note that gives it its tonal quality. For example, it is not possible to tell whether a chord is major or minor without the third note, or middle note of a triad, being played. Consecutive thirds and sixths ensure this important note is always sounded.

## 2. Extended Chords

Swing

Timothy Mallis

*f*84

*mf*

*mf*

**rall.** . . .

*C*<sup>13</sup> *C*<sup>9</sup> *D*<sup>b</sup><sub>6/9</sub> *C*<sup>b</sup><sub>#11</sub> *B*<sup>b</sup><sub>13</sub> *E*<sup>b</sup><sub>9</sub> *D*<sup>7</sup><sub>b9</sub> *G*<sub>m</sub><sup>9</sup> *E*<sup>7</sup>/*G*<sup>#</sup> *E*<sup>7</sup><sub>b9</sub> *A*<sub>m</sub><sup>7</sup> *D*<sup>b</sup><sub>aug</sub><sup>7</sup> *G*<sup>ø</sup>/*D*<sup>b</sup> *G*<sub>m</sub><sup>9</sup> *C*<sup>7</sup><sub>b9</sub> *D*<sup>b</sup><sub>9</sub> *C*<sup>11</sup> *F*<sub>add</sub><sup>9</sup>

Extended Chords are chords that contain the seventh, ninth or altered tones in the scale. These notes often add a degree of dissonance, tension or lack of resolution to the chord.

In this example, the harmonic analysis is included. Ninths, sevenths and elevenths are included and chromatic alterations are shown as flats or sharps in the chords.

### 3. Ostinato

Straight Timothy Mallis

$\text{♩} = 145$

*f* *mf* **rall.**

An Ostinato is a repeated musical pattern. Sometimes an ostinato is purely rhythmic but when it contains pitches and is layered with another melody, the resulting intervals between the ostinato and melody create harmony.

In this example, the notes used in the ostinato are the tonic and the dominant in the left hand of the keyboard. The third degree of the chord is omitted in order to avoid harmonic clashes with the right hand melody. These 'open' intervals reinforce the tonic on the first beat of the bar and create little dissonance in the form of seventh or second intervals.

### 4. Cluster chords

Timothy Mallis

$\text{♩} = 72$

*mf* *pp* **rall.**

Cluster Chords are chords that contain many neighbouring notes.

Note in this example, the use of many seconds within the left hand chords, as well as three consecutive notes in the final chord and four in the last minim chord of the previous bar. Also note the common use of chromaticism, which is typical of many cluster chords.

## 5. Consonant harmony

Timothy Mallis

$\text{♩} = 92$

$C^7$   $F$   $F/A$   $C_{\text{sus}}^4$   $E\flat^7$   $F$   $Dm$   $B\flat$   $Gm^7$   $F/A$   $B\flat$   $F/C$   $C^7$   $F$  **rall.**

$F: V^7$   $I$   $I^6$   $V_4^5 - vii^{\text{ø}7}$   $I$   $vi$   $IV$   $ii^7$   $I^6$   $IV$   $V_4^6 - \frac{5}{3}$   $I$

Consonant harmony involves the use of 'Pleasant' intervals - intervals that sound pleasing to the ear. These intervals are usually octaves, fifths, thirds and sixths. Chords that are consonant usually contain notes within a scale that are a third apart. Consonant harmony is also known as functional harmony.

In functional harmony, chords are identified by their bass note. These are expressed in Roman Numerals. Uppercase is used for major; lowercase for minor; '+' for Augmented; small circle - 'o' - for diminished. The primary triads which create the most straightforward harmony are I, IV and V.

In this example, the use of these primary triads, I IV and V, are clearly seen as the most common chords used. There are some passing notes in the bass line, which lead from one chord to another but the notes from each of these chords occur on the beat. There are no chromatic notes found outside the scale.

## 6. Dissonance/Chromatic harmony

Timothy Mallis

♩ = 62

*mf* **accel.** **rall.**

A<sup>7</sup>/C<sup>#</sup> Dm It C E<sup>o7</sup> F A<sup>b13</sup> B<sup>b</sup> B<sup>o7</sup> F/C B<sup>b</sup>m<sup>7</sup>/D<sup>b</sup> B<sup>b</sup>A<sup>7</sup> C<sup>7</sup> F Gm<sup>7</sup>/B<sup>b</sup> F

*mp* *mp*

F: V<sup>7</sup>/vi vi<sup>9-8</sup> It<sup>6</sup> V<sup>5</sup><sub>4-3</sub> vii<sup>♯3</sup> I V<sup>b13</sup>/IV IV vii<sup>o6</sup> V<sup>6</sup><sub>4</sub> IV<sup>6</sup><sub>b</sub> IV<sup>7</sup> V<sup>7</sup> I ii<sup>5</sup><sub>♯3</sub> I

Chromatic harmony uses chords that contain notes that create tension. Usually these notes create intervals of seconds or sevenths, but they can be two neighbouring notes in a scale. When used in a chord, the effect is dissonant (or the effect creates dissonance). Chromatic harmony is also known as non-functional harmony.

In this example, the use of accidentals highlights the use of chromatic notes outside the key. Most often, chromatic notes are used that are close to the notes that come before and after. This allows for smooth movement between parts, while still adding the dissonance and tension that the use of chromaticism inevitably leads to.

# Harmonic Types & Techniques Exercises

Choose two words, one from HARMONY the other from TECHNIQUE to match the musical examples on the following pages.

## Video Example:

<https://listeningbeyondhearing.com.au/harmonic-types-and-techniques-exercise/>

This video contains the answers after each excerpt. Be prepared to pause after each piece on first listening to allow time to discuss and write down the answers first, individually or as a group. \_

Harmonic Type	Harmonic Technique
Atonal <b>Exercise</b> _____	Alberti Bass <b>Exercise</b> _____
Consonant with slight Chromaticism <b>Exercise</b> _____	Counterpoint <b>Exercise</b> _____
Chromatic <b>Exercise</b> _____	Repeated Consecutive 3rds <b>Exercise</b> _____
Extended Chords <b>Exercise</b> _____	Block Chords <b>Exercise</b> _____
Chromatic <b>Exercise</b> _____	Broken Chords <b>Exercise</b> _____
Consonant <b>Exercise</b> _____	Drone / Implied Drone <b>Exercise</b> _____
Extended Chords <b>Exercise</b> _____	Cluster <b>Exercise</b> _____

# Harmonic Exercise 1

Harmonic Type	Harmonic Technique
Extended Chords	Block Chords

## Maestoso Pesante

Mateusz Gwizdalla

Chord progression for Harmonic Exercise 1:

$G^{Aadd9}$   $A_b^{A9\#11}$   $G^{Aadd9}$   $A_b^{A9\#11}$   $A_{-11}$   $B_b^{A9\#11}$   $B_{-9b13}$   $(add^A7)$   $B_b^{A9\#11}$   $A7_{9}^{13}$   $A_b7_{9}^{11}$   $G^{A9}$   
 $B_b^{A7}$   $E_b^{A7}$   $A^{o(11)}$   $D7^{b9}$   $D^{13}$   $G$

# Harmonic Exercise 2

Harmonic Type	Harmonic Technique
Consonant with slight Chromaticism	Broken Chords

## Vivace

Mateusz Gwizdalla

Chord progression for Harmonic Exercise 2:

$G^{A7}$   $C^{A7}$   $D_{-7}$   $B_b^{A7b13}$   
 $B_b^{A7}$   $E_b^{A7}$   $A^{o(11)}$   $D7^{b9}$   $D^{13}$   $G$

# Harmonic Exercise 3

Harmonic Type	Harmonic Technique
Consonant with Chromaticism	Alberti Bass

**Allegro moderato** Mateusz Gwizdalla

Chords: G, C/G, G<sup>13#11</sup>, C<sup>#9</sup>, F, F<sup>7</sup>, F<sup>#o</sup>, F<sup>#o7</sup>, F<sup>-6</sup>, A<sup>b7#11</sup>, G, G<sup>7/F</sup>

# Harmonic Exercise 4

Harmonic Type	Harmonic Technique
Consonant	Repeated Consecutive 3rds

**Moderato** Mateusz Gwizdalla

Chords: G/B, C, D<sup>7</sup>, C/E, A<sup>-9/C</sup>, D<sup>13</sup>, G/B

# Harmonic Exercise 5

Harmonic Type	Harmonic Technique
Chromatic	Drone

Rubato Mateusz Gwizdalla

The score for Harmonic Exercise 5 is written for piano. It features a treble clef and a bass clef. The tempo is marked 'Rubato'. The right hand plays a melodic line with chromatic movement, while the left hand plays a drone accompaniment consisting of a series of chords in the lower register.

# Harmonic Exercise 6

Harmonic Type	Harmonic Technique
Atonal	Counterpoint

Langsam Mateusz Gwizdalla

The score for Harmonic Exercise 6 is written for piano. It features a treble clef and a bass clef. The tempo is marked 'Langsam'. The right hand plays a melodic line with a mix of intervals, while the left hand plays a counterpoint line with a similar rhythmic pattern.

# Harmonic Exercise 7

Harmonic Type	Harmonic Technique
Extended Chords	Cluster Chords

Lento Mateusz Gwizdalla

The score for Harmonic Exercise 7 is written for piano. It features a treble clef and a bass clef. The tempo is marked 'Lento'. The right hand plays a melodic line with extended chords, while the left hand plays a cluster chord accompaniment.

# Harmonic Listening Examples

Listen to the following examples and name three types of harmony used in each.

Listening Example	Harmonies
<b>Composer:</b> ABBA <b>Title:</b> Take a chance on Me <b>Location:</b> <a href="https://www.youtube.com/watch?v=72r32bceDzg">https://www.youtube.com/watch?v=72r32bceDzg</a> (first 19 seconds)	
<b>Composer:</b> Mozart <b>Title:</b> K55 Piano sonata <b>Location:</b> <a href="https://youtu.be/1vDx1nJVvW8?t=7s">https://youtu.be/1vDx1nJVvW8?t=7s</a> (first 27 seconds)	
<b>Composer:</b> Michael Gundlach <b>Title:</b> Crazy Blues - Jazz Piano Solo <b>Location:</b> <a href="https://youtu.be/AtxRk7kzU0Q?t=8s">https://youtu.be/AtxRk7kzU0Q?t=8s</a> (first minute)	
<b>Composer:</b> Benjamin Britten <b>Title:</b> Arvo Pärt, Cantus in memoriam <b>Location:</b> <a href="https://youtu.be/sp2oxWdRMuk?t=25s">https://youtu.be/sp2oxWdRMuk?t=25s</a> (first minute)	
<b>Composer:</b> Debussy <b>Title:</b> en beteau Petite Suite <b>Location:</b> <a href="https://www.youtube.com/watch?v=TqDq67qzkH8">https://www.youtube.com/watch?v=TqDq67qzkH8</a> (first 40 seconds)	
<b>Composer:</b> Henry Cowell <b>Title:</b> Tides of Manaunaun <b>Location:</b> <a href="https://www.youtube.com/watch?v=e-_2r6Yz_1w">https://www.youtube.com/watch?v=e-_2r6Yz_1w</a> (first 1 minute 5 seconds)	

# Patterns in Harmony

Harmonic patterns often repeat. The most common harmonic patterns have been given names. Some of these are listed below.

## Ground Bass

A long bass line ostinato that repeats, often throughout an entire piece. The harmony and melody above this ostinato can change significantly.

Example:

**Composer:** Henry Purcell  
**Title:** Dido's Lament  
**Location:** <https://youtu.be/uGQq3HcOB0Y?t=56s> (from 56 seconds)

## ii V I Progression

A common chord progression with a clear, decisive resolution back to the tonic chord. This progression has been used widely in many different musical styles from Classical Music to Popular and Jazz styles. ii V I can also be played using seventh chords as in the example below.

**Composer:** Guitare Improvisation  
**Title:** Jazz ballad (Dm7 G7 CMaj7) : Backing track  
**Location:** <https://www.youtube.com/watch?v=8TEG0oXB2C4> (entire work)

## I V vi IV

A common chord progression used in contemporary popular music. It is equally used in a diverse variety of styles, in verses as well as choruses.

Watch the following link to see how common this progression is:

**Composer:** Axis of Awesome  
**Title:** Four Chord Song  
**Location:** <https://www.youtube.com/watch?v=HTYrkOZ5nCs> (entire work)

Pachelbel's Canon also starts with this progression and it is explored with depth and hilarity in the following video:

**Composer:** Rob Paravonian  
**Title:** Pachelbel Rant  
**Location:** <https://www.youtube.com/watch?v=JdxkVQy7QLM> (entire work)

## Cadence

A word meaning ending. A cadence is a finishing point or a 'full stop' to the sentence of a musical phrase.

Watch the following videos that describe the sound and function of cadences:

**Composer:** GCSE Bitesize  
**Title:** Harmony and Tonality  
**Location:** [http://www.bbc.co.uk/schools/gcsebitesize/music/elements\\_of\\_music/harmony\\_and\\_tonality2.shtml](http://www.bbc.co.uk/schools/gcsebitesize/music/elements_of_music/harmony_and_tonality2.shtml)

**Common cadences are labelled in the following manner:**

### **V - I - Perfect Cadence - Completed Cadence**

Most popular songs finish this way.

Sing the bass line to numbers or solfa (1 or do for the tonic 4 or fa for the subdominant and 5 or so for the dominant chord) and hear the relationship of V - I in the bass part in the closing two chords of this performance:

**Composer:** [John Newton](#)  
**Title:** [Amazing Grace](#)  
**Location:** <https://youtu.be/ZoJz2SANTyo?t=7m26s> (from 7 minutes 26 seconds)

Beethoven repeats his minor tonality (*mi-la*) V-I cadence a few times, just to make sure the point was made:

**Composer:** [Beethoven](#)  
**Title:** [Symphony No. 5, First Movement](#)  
**Location:** <https://youtu.be/W2qW6fOtAMY?t=6m31s> (from 6 minutes 31 seconds)

### **IV - I - Plagal Cadence**

Also known as the church cadence or 'Amen' cadence.

**Composer:** [Handel](#)  
**Title:** [Hallelujah Chorus](#)  
**Location:** <https://youtu.be/7YaGwI7Gj1A?t=3m23s> (from 3 minutes 23 seconds)

### **V - vi - Interrupted Cadence**

It is called an interrupted cadence because the move to the minor vi chord creates an unresolved sense of temporary rest, and the minor aspect of the chord creates a sense of pathos and interrupted flow.

**Composer:** [Lennon and McCartney](#)  
**Title:** [Ob la di Ob la da](#)  
**Location:** [https://youtu.be/\\_J9NpHKrKMw?t=162](https://youtu.be/_J9NpHKrKMw?t=162) (Cadence at 2 mins 58 seconds)

### **Any Chord - V - Imperfect Cadence**

It is called an Imperfect Cadence because like the Interrupted Cadence, the move to a chord that is not a I chord creates a sense of lack of resolution - more a comma or a semicolon in a musical sentence, rather than a full stop.

**Composer:** [Cat Empire](#)  
**Title:** [One Four Five](#)  
**Location:** <https://youtu.be/faG0Q7Igfwo?t=29s> (from 29 seconds)

**Composer:** [Joseph Haydn](#)  
**Title:** [Symphony 104, First Movement](#)  
**Location:** [https://youtu.be/ZjaaI6uI\\_tw](https://youtu.be/ZjaaI6uI_tw) (entire work)

Musically, the use of the V chord in an Imperfect Cadence has a stronger relationship to the tonic I chord, so emotionally whilst the music might be having a pause, it can still have a strong sense of home. On the other hand, the Interrupted Cadence feels not only far from home, yet not even sure of the path back.

# Tension and Resolution

Harmony deals in meeting and not meeting expectations. When expectations are not met this creates tension. When a chord progression finishes in a familiar and predictable way, this is called resolution. When it does not resolve, this creates tension.

## Video Example of Tension and Resolution:

<https://listeningbeyondhearing.com.au/tension-and-resolution/>

**Look at the following examples. Guess which one finishes in a logical way and which one does not. Give two reasons for your answer.**



A musical score in 4/4 time. The treble clef contains a melody of quarter notes: G4, A4, B4, C5, followed by a quarter rest, then a quarter note D5. The bass clef contains a whole note chord consisting of G3 and C4.

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A musical score in 4/4 time. The treble clef contains a melody of quarter notes: G4, A4, B4, C5, followed by a quarter rest, then a quarter note D5. The bass clef contains a whole note chord consisting of G3 and C4.

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# Harmonic Rhythm

Harmonic rhythm refers to how often a chord changes. This can have a pattern that repeats (eg - twice in one bar, then only once the next) or be the same throughout a piece (eg - once a bar).

**Describe the harmonic rhythm of the following pieces.**

## Harmonic Rhythm Example 1

**Composer:** Pyotr Ilyich Tchaikovsky  
**Title:** "The Sick Doll", Children's Album, Op 39  
**Location:** <https://www.youtube.com/watch?v=t10taQLf-a8> (*entire work*)

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## Harmonic Rhythm Example 2

**Composer:** Johann Sebastian Bach  
**Title:** "Polonaise in F major", BWV Anh 117  
**Location:** <https://www.youtube.com/watch?v=qkifdPHs5tI> (*first 32 seconds*)

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## Harmonic Rhythm Example 3

**Composer:** Barry Gibb  
**Title:** Spicks and Specks  
**Location:** [https://www.youtube.com/watch?v=rBF6u\\_Qt-A0](https://www.youtube.com/watch?v=rBF6u_Qt-A0) (*entire work*)

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## Harmonic Rhythm Example 4

**Composer:** Tom Springfield

**Title:** The Carnival is Over

**Location:** <https://www.youtube.com/watch?v=g1-Y68FNF9Y> (*entire work*)

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## Harmonic Rhythm Example 5

**Composer:** Henry Purcell

**Title:** Dido's Lament - "When I am Laid"

**Location:** <https://www.youtube.com/watch?v=uGQq3Hc0B0Y> (*first 55 seconds*)

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# Harmony and Character

Brainstorm ways in which harmony can aid in creating the following character.

<b>Serene</b>	
<b>Joyous</b>	
<b>Dramatic</b>	
<b>Foreboding</b>	
<b>Mournful</b>	

















## Chapter IX

### Form

The structure of a piece of music

Musical form refers to the overall structure or design of a piece of music. Essentially, form identifies similarities and differences in musical passages. A key to identifying sections of a musical work is recognising whether any musical material is repeated and, if it is, whether this is essentially the same, whether it is different or whether it is a variation of the original theme. If musical material is completely different, or significantly different, this is considered a new section within the piece.

## Form

### The structure of a piece of music

Writing about the form of a piece of music in listening examples that are excerpts of a larger work can be a challenge as the true structure of a work is sometimes only apparent after hearing the entire piece. Analysing the form of incomplete pieces relies on noting patterns in music: noting when there is repetition, slight variation or completely new musical material.

Form can be described using the letters **A, B, C, D** etc.

The first musical section of a piece can be labelled as **A**. If there is new material, this is labelled **B**. If the melody is repeated but with some variation this is described as **A1** or **A** variant (**Av**).

# Form Terminology

The following terms are used to describe sections that make up various musical forms. Write these definitions in your glossary.

Term	Description
<b>Verse</b>	A section of a song that has a melody, which is repeated to different words, often varying the rhythm to fit new lyrics.
<b>Refrain</b>	A repeated section of a song. This is often the most memorable through the repetition of melodic and rhythmic material. A refrain often has fewer lyrics than the verse or repeats a few words of the verse to increase its memorability. The word 'refrain' is interchangeable with the word 'chorus'.
<b>Chorus</b>	See <b>Refrain</b>
<b>Coda</b>	A closing section of a work in keeping with the style and character of that work that allows for a clear finish or completion of a piece.
<b>Outro</b>	Found at the end of a song, this can be an improvised solo. It can reflect the introduction and is often faded out as the improvised solo continues. An outro is particularly popular in the rock style.
<b>Introduction</b>	An opening phrase or section that introduces a piece of music.
<b>Bridge</b>	A contrasting section of a song that connects, or 'bridges', the verse and the chorus.
<b>Trading Fours or Eights</b>	A technique where soloists exchange improvised solos every four (trading fours) or eight (trading eights) bars. The chord progression of the work stays constant during this time, following the form. Soloists improvise over this chordal structure.
<b>Head</b>	The main theme or melody in a jazz piece. The harmonic structure of the head is then used as the basis of improvisation. Sometimes, elements of the head are referenced in these improvisations. The head returns after solo sections and is, as a result, the most memorable section of a jazz piece through repetition.
<b>Contrafact</b>	A newly composed melody based on the original harmonic structure or form in jazz music.

# Common Forms

Term	Description
<b>Strophic Form</b>	A form commonly used in folk songs that has the same melody but different lyrics for each verse. There may be a refrain that has the same text between verses. Examples: Amazing Grace, Advance Australia Fair. <b>Verse (lyrics 1) - Verse (lyrics 2) - Verse (lyrics 3)</b>
<b>Song Form</b>	This form often includes an introduction, verse, chorus and solo section or bridge. Typically this is in the following order: <b>Introduction - Verse - Chorus - Solo/instrumental section or bridge - Chorus - Coda or 'outro'</b>
<b>AABA Song Form</b>	<b>Verse - Verse - Bridge - Verse</b> A descriptive video can be found here ( <i>first 1 minute 3 seconds</i> ): <b>Title:</b> <a href="#">AABA Song Form</a> <b>Location:</b> <a href="https://www.youtube.com/watch?v=AGV7Gmnpv0">https://www.youtube.com/watch?v=AGV7Gmnpv0</a>
<b>Theme &amp; Variation</b>	A melody that is repeated many times, each time varied slightly.
<b>Rondo Form</b>	A form that has a repeated section that returns after the statement of a contrasting section. Rondo form is expressed as <b>A B A C A D</b> etc.
<b>Twelve Bar Blues</b>	A commonly used form in Blues, R&B, Rock and other popular music styles using the following chord progression - <b>I I I I</b> <b>IV IV I I</b> <b>V IV I I</b> Chords are often played using seventh chords and each chord is played for one bar, thus the term twelve bar blues. A descriptive video can be found here: <b>Title:</b> <a href="#">Blues piano tutorial</a> <b>Location:</b> <a href="https://youtu.be/ZlrD-i66WTI?t=20s">https://youtu.be/ZlrD-i66WTI?t=20s</a>
<b>Ritornello Form</b>	Similar to Rondo form where a main theme returns. However, it can return varied in key or played only in part. This form was commonly used in the Baroque period.
<b>Binary Form</b>	A form with two sections. The <b>A</b> section begins in the tonic key and usually modulates to the dominant, while the <b>B</b> section usually begins in the dominant key and returns to the tonic.
<b>Ternary Form</b>	A three part form <b>A-B-A</b> that consists of a theme, a contrasting section and a reiteration of that main theme.

# Form Analysis Exercise 1

In order to analyse the form of a piece, information is needed on what makes each section unique. Using a sketch or chart can help clarify your understanding of the structure of a work.

**Listen to the following pieces, and identify their form from the list provided:**

- Rondo
- Theme and Variation
- Song form

## Form Analysis Piece 1

**Composer:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Location:** <https://www.youtube.com/watch?v=1wpeyYFKI1k> (*entire work*)

**Form:** \_\_\_\_\_

## Form Analysis Piece 2

**Composer:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Location:** <https://www.youtube.com/watch?v=o8ac3tE1tTU> (*entire work*)

**Form:** \_\_\_\_\_

## Form Analysis Piece 3

**Composer:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Location:** <https://www.youtube.com/watch?v=SPge6q3RNnI> (*entire work*)

**Form:** \_\_\_\_\_

# Form Description Activity 1

**Composer:** Ludwig van Beethoven

**Title:** String Quartet in C Minor, Fourth Movement, Rondo.

**Location:** <https://youtu.be/kM3Sv8cgGEw?t=7s> (first 2 min 52 sec)

**Give a short description of the musical features of each section of this form.**

**Features of the A section:**

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**Features of the B section:**

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**Features of the A section:**

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**Features of the C section:**

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**Features of the A section:**

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# Form Description Activity 2

**Composer:** Brian Gossard

**Title:** Theme and Variation

**Location:** <https://www.youtube.com/watch?v=iXRW1DR7aXE> (1 min 42 sec)

**Give a short description of the musical features of each section of this form.**

**Features of the A section:**

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**Features of A1:**

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**Features of A2:**

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**Features of A3:**

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**Features of A4:**

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# Twelve Bar Blues Form Analysis Activity

**Composer:** Don Raye & Hughie Prince

**Title:** Boogie Woogie Bugle Boy

**Location:** <https://www.youtube.com/watch?v=Mm1wuKvrxAw> (*whole piece*)

This piece is in 12 Bar Blues form. Twelve Bar Blues is a commonly used form in Blues, R&B, Rock and other popular music styles using the following chord progression -

I     I     I     I  
IV    IV    I     I  
V     IV    I     I

- Sing through the bass line of the twelve bar blues form written above in Roman Numerals.
- Sing to solfa (I = do, IV = fa, V = so) then letter names (I = D, IV = G, V = G).
- Listen to *Boogie Woogie Bugle Boy*, and sing along as the form changes.
- Count the number of times the form is repeated in order to answer the first question.
- Listen for a second time and answer the remaining questions below.

**Question 1: How many times is the form played in this example?**

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**Question 2: When does the twelve bar blues progression begin? (note musical features of this point in the piece):**

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**Question 3: Is the overlying melody of this piece always the same?**

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**Question 4: There are two sections where there is a significant change to the main melody, what are the lyrics at the start of each of these contrasting sections?**

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**Question 5: Does the chord progression continue uninterrupted during these sections?**

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# Form Analysis - Question 1

Composer: **Megan Sidwell**

Title: **Still Have Time**

Location: <https://www.youtube.com/watch?v=suer-uDn1kg> (*whole piece*)

Fill out the chart below stating how the form is similar or different from previous sections.

Section	Description
Introduction	
Verse 1	
Verse 2	
Chorus	
Verse 3	

Section	Description
<b>Verse 4</b>	
<b>Chorus</b>	
<b>Extension of chorus</b>	
<b>Chorus</b>	
<b>Instrumental section</b>	

# Form Analysis - Question 2

Composer: **Hoyt Curtin**

Title: **(Meet) the Flintstones**

Location: [https://www.youtube.com/watch?v=e\\_FWPNk1e3I](https://www.youtube.com/watch?v=e_FWPNk1e3I) (first 1 min 50 sec)

**Note the musical features that make each of these sections unique**

Section	Description
<b>Introduction</b>	
<b>Head</b>	
<b>Contrafact</b>	
<b>Trading fours</b>	

# Form Analysis - Question 3

**Composer:** Billie Joe Armstrong - Green Day

**Title:** Good Riddance (Time of Your Life)

**Location:** <https://www.youtube.com/watch?v=mwnoNVOj1Fs> (*whole piece*)

**A. Draw a diagram to represent the layers or parts in the piece. Annotate your diagram describe the role of each part.**















# Chapter X

## Comparison of Interpretation

It is said that imitation is the highest form of flattery. Since music was first performed, people have been reinterpreting music and putting their own interpretation on things. Indeed, music was initially transferred from one performer to another aurally so every interpretation was different due to the limitations of memory. Sometimes music is reinterpreted in a similar fashion, using the same instrumentation, sometimes with a completely different approach. Reinventing a piece of music using different instrumentation, especially in the case of an instrumental cover of a vocal piece, creates many creative challenges which ignite the imagination of musicians. An alternate approach is to change the character completely and thus allow a completely different interpretation of a familiar work.

Analysis of a comparison of styles may involve comparing the elements of music within each style or extend to how these works create similar or completely different characters as a result.

# Comparison Introduction

When listening to an interpretation of a known work it is hard to listen without referencing the original. There are, however, some covers that become so distinctive that the original is forgotten as the primary source.

Comparing styles ultimately opens our ears to how the elements of music are used to create character and solve musical problems.

## Some things to consider when comparing styles:

### 1. Use a table to order your thoughts

### 2. Line up elements and state contrast.

**For example, thick texture contrasted with thin texture.**

## See the example below:

Interpretation One	Interpretation Two
<b>has a slower tempo:</b> <ul style="list-style-type: none"><li>• use of rubato, more relaxed approach to time</li></ul>	<b>has a faster tempo:</b> <ul style="list-style-type: none"><li>• steady tempo, unchanging</li></ul>
<b>has louder dynamics through:</b> <ul style="list-style-type: none"><li>• thicker texture</li><li>• more instrumental layers</li><li>• use of higher register</li><li>• sharper brighter tone colour of the trumpets</li></ul>	<b>has softer dynamics through:</b> <ul style="list-style-type: none"><li>• thinner texture</li><li>• sparse instrumentation, fewer instrumental layers</li><li>• use of mid register</li><li>• warmer, richer tone colour of the cello</li></ul>
<ul style="list-style-type: none"><li>• repeated thirds</li></ul>	<ul style="list-style-type: none"><li>• arpeggiated intervals</li></ul>
<ul style="list-style-type: none"><li>• melodic contour more linear</li></ul>	<ul style="list-style-type: none"><li>• more wave like contour</li></ul>
<ul style="list-style-type: none"><li>• limited range</li></ul>	<ul style="list-style-type: none"><li>• wider range</li></ul>

# Comparison Exercise 1

Complete the following table with possible contrast that may occur in the second interpretation.

Interpretation One	Interpretation Two
Use of rhythmic unison semiquaver runs in string section. Other parts support the melody through the use of constant crotchets.	
Thick texture due to full harmonised homophony across the whole ensemble.	
Wide range of whole ensemble from double bass to piccolo	
Loud dynamic due to: <ul style="list-style-type: none"> <li>• Wide range</li> <li>• Thick texture</li> </ul>	
Multilayered tone colours from bright and nasal woodwinds to warm, mellow lower strings and brass	

### 3. Note similarities as well as differences

“...Both interpretations have a steady beat and an emphasis on beats two and four...”

“...Both interpretations use walking bass technique...”

### 4. Enhance this by noting things that are the same but also different

“...Both interpretations have a steady beat with emphasis on beats two and four, however, interpretation one has stronger accents on these through added instruments on these beats and has a slightly faster tempo...”

“...While both interpretations use a walking bass, the second interpretation uses more chromatic passing notes than the first and contains more rhythmic complexity through short improvised melodic movement to embellish the line...”

# Quick Comparison Activity

**Composer:** John Lennon and Paul McCartney  
**Title:** Blackbird

**Performer:** The Beatles

**Location:** <https://www.youtube.com/watch?v=Man4Xw8Xypo> (first 28 secs)

**Performer:** Katie Noonan

**Location:** <https://www.youtube.com/watch?v=WaoMOJq4-Uk> (first 26 secs)

**Compare the differences in interpretation of the elements of music in the following example:**

The Beatles	Katie Noonan

Listen to the following examples and answer the questions relating to comparing interpretations.

## Comparative Analysis - Question 1

**Composer:** John Lewis Schumann

**Title:** I was Only 19

**Performer:** Red Gum

**Location:** <https://www.youtube.com/watch?v=SrXxACZRx30> (first 1 minute)

**Performer:** Julia Stone

**Location:** <https://www.youtube.com/watch?v=WisIy3Kq0Ec> (first 1 min 44 secs)

**How is a sense of melancholy and bleakness created in these two differing versions of “I was only 19”?**

Red Gum	Julia Stone

<b>Red Gum</b>	<b>Julia Stone</b>

# Comparative Analysis - Question 2

**Composer:** William Thomas “Billy” Strayhorn  
**Title:** Take the A Train

**Performer:** Duke Ellington Orchestra  
**Location:** <https://youtu.be/cb2w2m1JmCY?t=12s> (first 1 min 4 secs)

**Performer:** Ella Fitzgerald  
**Location:** [https://www.youtube.com/watch?v=BJ\\_4cRG8B1g](https://www.youtube.com/watch?v=BJ_4cRG8B1g) (first 1 min 26 secs)

**How is the impression of a train created in these two interpretations?**

Duke Ellington	Ella Fitzgerald

**Describe is rhythm and Tone colour used in similar and contrasting ways?**

<b>Rhythm</b>	
<b>Tone colour</b>	

# Comparative Analysis - Question 3

**Composer:** Kurt Cobain  
**Title:** Smells like Teen Spirit

**Performer:** **Tori Amos**  
**Location:** [https://www.youtube.com/watch?v=vB2c7\\_vyBSM](https://www.youtube.com/watch?v=vB2c7_vyBSM) (first 2 minutes)

**Performer:** **Nirvana**  
**Location:** <https://www.youtube.com/watch?v=hTWKbfoikeg> (first 1 min 31 secs)

**How do the use of dynamics and tone colour create different characters in these two interpretations of 'Smells like Teen Spirit'?**

Tori Amos	Nirvana

<b>Tori Amos</b>	<b>Nirvana</b>

# Comparative Analysis - Question 4

**Composer:** Béla Bartók  
**Title:** Mikrokosmos 126 Change of time

**Performer:** Béla Bartók  
**Location:** <https://www.youtube.com/watch?v=1MMaJ607Xdk> (first 37 seconds)

**Performer:** Andrea Keller Quartet  
**Location:** <https://www.youtube.com/watch?v=YWG4x3kL7pI> (first 37 seconds)

**How do the musical elements aid in creating different characters in the different interpretations of this work?**

Element	Description

Element	Description

# Comparative Analysis - Question 5

**Composer:** Murray Gold  
**Title:** Dr Who Theme

**Performer:** Fourplay String Quartet  
**Location:** <https://youtu.be/GuOUNJtFz4o?t=1m> (from 1 min to 2 min 33 secs)

**Performer:** Murray Gold  
**Title:** Dr Who Theme 2005-2007  
**Location:** <https://www.youtube.com/watch?v=2CYDgezeQas> (first 55 seconds)

**Compare the use of elements of music in these contrasting interpretations of the Dr Who theme.**

Element	Description

**Compare How these two interpretations create character using the elements of music.**

Element	Description

Element	Description

# Comparative Analysis - Question 6

**Composer:** Stevie Wonder  
**Title:** Isn't She Lovely

**Performer:** Stevie Wonder  
**Location:** <https://www.youtube.com/watch?v=IVvkjuEAWgU> (first 43 seconds)

**Performer:** Idea of North  
**Location:** <https://youtu.be/onHTTy0Gp9k?t=15s> (first 1 min 12 secs)

**Compare instrumental roles and articulation in these interpretations of 'Isn't She Lovely'**

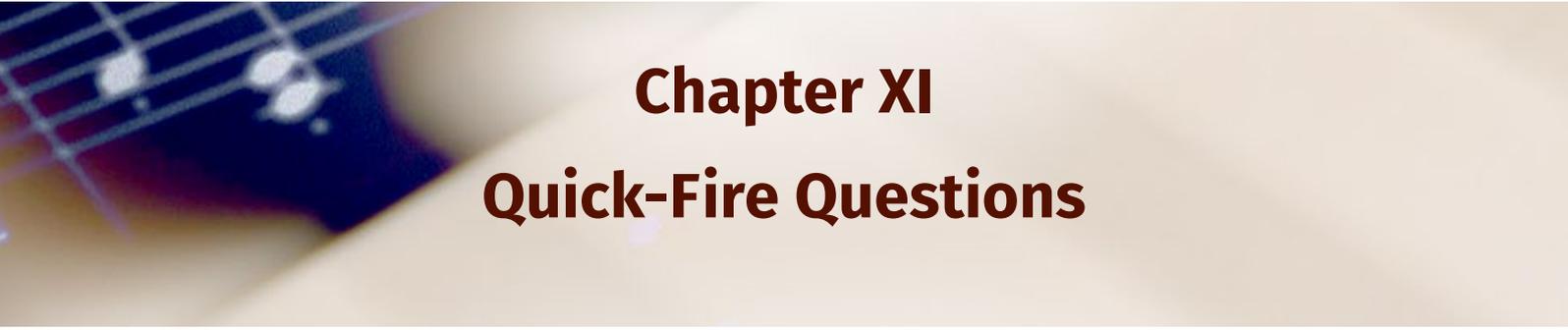
Stevie Wonder (SW)	Idea of North (ION)

<b>Stevie Wonder (SW)</b>	<b>Idea of North (ION)</b>









# Chapter XI

## Quick-Fire Questions

Writing quickly and taking notes as soon as the question begins maximises time and, ultimately, increases the detail of responses.

'Quick-Fire' questions train you to write quickly and immediately. Listen to a piece of music for analysis for only thirty seconds. In that time choose some good 'character' or 'mood' words to describe the music and come up with three reasons how this 'character' or 'mood' is created using reference to the elements of music.

Step 1. 30 seconds - Listen to a piece of music

Step 2. 1 minute - Write an analysis linking 'character' to the element of music stated

Step 3. Move on to the next piece, repeat steps 1 and 2

Step 4. Go over results as a class and collate ideas and examples

Step 5. Take note of any good phrases or unknown words in a glossary

















# Appendices



# Additional Summary Exercise

## Musical Elements and Character

1. Brainstorm with your class or in groups to complete the following chart
2. State what would typically create these characters using the elements of music supplied

	Melancholic	Tender	Joyous	Frantic
Melody				
Rhythm				

	Melancholic	Tender	Joyous	Frantic
Tone Colour				
Dynamics				
Texture				





# Glossary of Terms

As you work through this book you will discover terminology you are unfamiliar with. To help with this, fill out the glossary with the definitions. Below is a table of possible terms to help with this. This is by no means exhaustive. Feel free to add other relevant terms to your glossary. The glossary for the rhythm section of this book contains terms from melody.

Term	Definition
AABA Song form	
Accelerando	
Accent	
Accompaniment	
Al niente	
Allegro	
Andante	
Angular	
Anticlimactic	
Arch-like Contour	
Arco	
Arpeggiated	

Articulation	
Ascends	
Aspect	
Aspirate Onset	
Atonal	
Attack	
Augmented	

Balanced	
Beat	
Bend	
Binary Form	
Biphonic/Biphony	
Bridge	

Call and Response	
Canon/Canonic	
Cascading	
Chaotic	
Character	
Chorale	
Chordal	
Chords	
Chorus	
Chromatic/ Chromaticism	
Climax/Climactic	
Cluster chords	
Coda	
Complement	

Compound time	
Consecutive	
Consonance	
Contour	
Contrafact	
Contrast	
Conversational	
Counterpoint	

Decay	
Dense Texture	
Descant	
Descends	
Desolate	
Development	

Diatonic	
Diminished	
Dissonant/Dissonance	
Dotted rhythms	
Dramatic	
Drone	
Duple Time	
Duplet	

Elated	
Elongated	
Embellished	
Erratic	
Expand	

Fanfare-like	
Flip Onset	
Flourish	
Fluctuates	
Flurries	
Flurries	
Foreboding	
Foreground	
Form	
Fragmented	
Fugue	

Ghost Notes	
Glissando	
Glottal Onset	

Gospel Release	
Grace Note	
Grace Notes	

Harmonic Rhythm	
Head	
Heterophonic/ Hetrophony	
Highlight	
Homophonic/ Homophony	
Homorhythmic	

Implied Drone	
Imply	
Improvisatory	

Intensity	
Interjection	
Interval/intervalic	
Interweaving	
Introduction	
Irregular	

Jagged	
Jerky	
Juxtaposed	

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Largo	
Legato	

Lilting	
Linear	
Lyrical	
Lyrics	

Martial	
Meandering	
Melancholy/ Melancholic	
Melisma/Melismatic	
Melody	
Menacing	
Mezzo	
Middle Ground/Mid Ground	
Modal	
Moderato	

Modulate	
Momentum	
Monophonic/ Monophony	
Mood	
Morendo	
Motif	
Motivic	

Non-Western Scale	
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Octave (8ve)	
Ominous	
Onset	
Organic	
Ornamentation/ Ornamented	

Ostinato	
Outro	

Parallel Intervals	
Pause	
Pedal Point	
Pentatonic	
Phrase	
Pizzicato	
Polyphonic/Polyphony	
Polyrhythm	
Predictable	
Presto	
Pulse	

Quadruple time	
Qualify	
Quodlibet	

Range	
Recurring	
Refrain	
Register	
Regular	
Reinforced	
Relentless	
Repetition	
Resolved	
Rhythm	

Rhythm Section	
Rhythmic Figure	
Rhythmic Unison	
Ritardando	
Ritornello Form	
Rondo Form	
Round	
Rubato	

Scalic	
Sequence/Sequential	
Serene	
Simple time	
Sinister	
Sombre	

Sparse Texture	
Staccato	
Stagnant	
Stepwise	
Strophic or Song Form	
Subdivision	
Subtle	
Swung rhythm	
Syllabic	
Syncopation	

Tempo	
Tempo marking	
Tenuto	
Ternary Form	

Texture	
Theme and Variation	
Thick Texture	
Thin Texture	
Time Signature	
Tonality	
Touch	
Trading Fours or Eights	
Tranquil	
Transition	
Triad	
Triadic	
Trill	
Trills	
Triple time	

Triplet	
Triumphant	
Twelve Bar Blues	

Uncommon time signatures	
Unconfined	
Undercurrent	
Unfolding	
Unison	
Unpredictable	

Variation/varied	
Verse	
Virtuosic	
Vocal Fry or 'Creak' Onset	

Walking bass	
Whole Tone	
Whole Tone Scale	

X	
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Y	
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Z	
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# Musical Examples

The Musical examples used in this text include:

\* *Denotes Australian post 1910 examples*

\* Adams, Stephen: **Saying Noh - Dry**

\* Adamson, Devoto, Doyle, Formular, McGeogh: **A Song From Under the Floorboards**, My Friend the Chocolate Cake

Andersson, Benny, Ulvaeus, Björn: **Take a Chance on Me**, ABBA

\* Angus, Harry: **The Wine Song**, The Cat Empire

\* Antill, J: **Harmonica Concerto Movement 1, Allegretto**, Sydney Symphony Orchestra. Lionel Easton, *harmonica*. John Antill, *conductor*

Armstrong, Billie Joe: **Good Riddance (Time of your Life)**, Green Day

Arne, Thomas Augustine: **Alfred: Rule Britannia**, The Wallace Collection, English String Orchestra, Leeds Festival Chorus. Edmund Barham & John Wallace, *vocalists*. William Boughton, *conductor*

Axis of Awesome: **Four Chord Song**

Bach, J.S: **Chorale prelude - "Whither I shall flee" E minor BWV 646**, Ivan Sokol, *organist*

Bach, J.S: **Double Violin Concerto in D minor, BWV 1043**, London Symphony Orchestra. Itzhak Perlman and Isaac Stern *violinists*. Zublin Mehtar, *conductor*

Bach, J.S: **Six Suites for Unaccompanied Cello, Suite 1, Prelude in G Major**, YoYo Ma, *cellist*

Bach, J.S: **St. John Passion, BWV 245 Part 1, No. 3 Choral: "O große Lieb, o Lieb ohn' alle Maße"**, Monteverdi Choir, English Baroque Soloists. John Eliot Gardiner, *conductor*

Ballard, Pat: **Mr Sandman**, The Chordettes

Ballard, Pat: **Mr Sandman**, Blind Guardian

\* Barry, Jeff & Allen, Peter: **I Honestly Love You**, Olivia Newton John

Bartók, Béla: **Improvisations on Hungarian Peasant Songs**, Claude Helffer, *pianist*

Bartók, Béla: **Mikrokosmos No. 126: Change of time**, Béla Bartók, *pianist*

Bartók, Béla: **Mikrokosmos No. 126: Change of time**, Andrea Keller, *pianist*

Beethoven, Ludwig van: **Fourth Symphony, Op. 60, First Movement**, Royal Philharmonic Orchestra. René Leibowitz, *conductor*

Beethoven, Ludwig van: **Fifth Symphony, Op. 67, First Movement**, Tafelmusik Baroque Orchestra. Bruno Weil, *conductor*

Beethoven, Ludwig van: **Seventh Symphony, Op. 92, Second Movement**, London Classical Players. Roger Norrington, *conductor*

Beethoven, Ludwig van: **Symphony Number 9, Fourth Movement**, London Symphony Orchestra, BBC Chorus. Josef Krips, *conductor*

Beethoven, Ludwig van: **Piano Sonata No. 14 Op. 27 No. 2 'Moonlight', First Movement**, Daniel Barenboim, *pianist*

Benning, D: **Dancing Night Wind**, Charley Brighton, *Euphist*

Berlioz, Hector: **Symphonie Fantastique, 2nd movement: 'A Ball'**, Orchestre National de la Radiodiffusion Française. Sir Thomas Beecham, *conductor*

Berlioz, Hector: **Symphonie Fantastique, 5th movement: 'Dance of the Witches' Sabbath'**, Moscow RTV Symphony Orchestra. Gennady Rozhdestvensky, *conductor*

\* Bidmead, Glen & Currenti, Enza: **A Moment in Time**

Bizet, Georges: **Carmen Overture**, Metropolitan Opera Orchestra. James Levine, *conductor*

Blackwell, D & Lee, EB: **I got friends in low places**, Garth Brooks

\* Bolleter, Ross: **Cafe Sophia**, Ross Bolleter, *pianist*

\* Bolleter, Ross: **Labyrinth**, Ross Bolleter, Lina Brodalka, Florian Brodalka

Bonobo: **Between the Lines**, Bonobo featuring Bajka

\* Bridie, David: **I've got a plan**, My Friend the Chocolate Cake

\* Broadstock, Brenton: **Beast from Air**. Barrie Webb, trombonist, Peter Neville, percussion

Cobain, Kurt: **Smells like Teen Spirit**, Nirvana

Cobain, Kurt: **Smells like Teen Spirit**, Tori Amos

Cole, Nat King & Mills, Irving: **Straighten up and Fly Right**, The Andrews Sisters. The King Cole Trio

Copland, A: **Appalachian Spring Shaker Melody, 'The Gift to be Simple'**, New York Philharmonic Orchestra. Leonard Bernstein, *conductor*

Copland, A: **Concerto for Clarinet and String Orchestra**, Columbia Symphony Orchestra. Benny Goodman, *clarinet*, Aaron Copland, *conductor*

Cowell, Henry: **Tides of Manaunaun**, Juan Pérez Floristán, *pianist*

Curtin, Hoyt: **(Meet) the Flintstones**, James Morrison & Schagerl All Star Big Band

\* Cuylenburg, James van: **Unspoken**, The Tealeaves

Dean, Brett: **Viola Concerto**, Royal Stockholm Philharmonic Orchestra. Sakari Oramo, *conductor*

\* De Backer, Wouter Andre: **Somebody I used to know**, Gotye

\* De Backer, Wouter Andre: **Somebody I used to know**, 5 vs 1

Debussy, Claude: **Petite Suite**, Noel Lee & Werner Haas, *pianists*

Desmond, Paul: **Take Five**, Dave Brubeck Quartet

- \* Edwards, Ross: **Dawn Mantra**, Sydney Children's Choir, Cantillation Ensemble
- \* Edwards, Ross: **Oboe Concerto No. 1**, Melbourne Symphony Orchestra. Arvo Volmer, *conductor*
- Farmer, J: **Fair Phyllis**, The King Singers
- Folds, Ben: **Narcolepsy**, Ben Folds Five
- \* Freedman, Tim & Gertler, Greta: **Blow Up the Pokies**, The Whitlams
- Gibb, Barry: **Spicks and Specks**, The Bee Gees
- Goffin, Gerry. King, Carol. Wexler, Jerry: **(You Make Me Feel Like) A Natural Woman**, Aretha Franklin
- Garrett, Siedah & Ballard, Glen: **Man in the Mirror**, Michael Jackson
- \* Gospel of the Horns: **Conquering Self**
- \* Grabowsky, Paul: **Paradise**, The Paul Grabowsky Sextet
- \* Grainger, Percy: **Colonial Song**, Eastman-Rochester "Pops" Orchestra. Frederick Fennell, *conductor*
- \* Grainger, Percy: **Handel in the Strand**, North Texas Wind Symphony. Eugene Migliaro Corporon, *conductor*
- \* Grainger, Percy: **Molly on the Shore**, North Texas Wind Symphony. Eugene Migliaro Corporon, *conductor*
- \* Grainger, Percy: **Mock Morris**, Eastman - Rochester "Pops" Orchestra. Frederick Fennell, *conductor*
- Grieg, E, Arr. \* Tognetti, R: **String Quartet**, Australian Chamber Orchestra
- Gundlach, Michael: **Crazy Blues**. Michael Gundlach, *pianist*
- \* Hally, Olivia & Emmerichs, Pepita: **You Want Me**, Oh Pep!
- \* Hally, Oliva & Emmerichs, Pepita: **Rest Assured**, Oh Pep!
- \* Hally, Olivia & Emmerichs, Pepita: **The Race**, Oh Pep
- Herrmann, Bernard: **Vertigo theme**, Royal Scottish National Orchestra, Joel McNeely *conductor*
- \* Hicks, Peggy Glanville: **Come Sleep**, Elena Xanthoudakis, *vocalist*, Charlotte Forrest, *pianist*
- \* Higgins, Missy & Griffin, Kevin: **Don't Ever**
- \* Higgins, Missy: **Everyone's Waiting**
- Hutton, B: **It's Oh so Quiet**, Björk
- \* Hyde, Miriam: **Pine Trees in the Wind**, Daniel Johnson, *pianist*
- \* Hyde, Miriam: **String Quartet In E minor**, Australian String Quartet
- Isley, R, R & O: **Shout**, The Isley Brothers
- Jobim, Antonio Carlos: **No More Blues**, Andrea Motis & Joan Chamorro

- \* Kats-Chernin, Elena: **Chamber Of Horrors for harp and electronics**, Alice Giles *harpist*
- \* Kelly, Paul: **Deeper Water**, Paul Kelly
- \* Kelly, Paul: **Dumb Things**, Paul Kelly and the Coloured Girls
- \* Laughton, Bec: **Number One (Heartbreak)**
- \* Leek, Steven: **Voices of Gondwana**, Gondwana Chorale. Lynne Williams, *conductor*
- \* Lim, Liza: **Ming Qi (Bright Vessel)**, Peter Veale - *oboist*, Olaf Tzschoppe, *percussionist*
- \* Lim, Liza: **Songs found in Dream**, Elision ensemble
- Lloyd Webber, A: **And The Money Kept Rolling In**, from Evita. Antonio Banderas *soloist*
- Loesser, F: **Guys and Dolls, Fugue for Tinhorns**, Frank Sinatra, Stubby Kaye.
- Lyondev, Peter: **Kafal Sviri**, Bulgarian Folklor, Katya Barulova, *conductor*
- McCartney, Paul & Lennon, John: **Blackbird**, The Beatles
- McCartney, Paul & Lennon, John: **Blackbird**, Katie Noonan
- McCartney, Paul & Lennon, John: **I've got a Feeling**, The Beatles
- McCartney, Paul & Lennon, John: **Ob la di Ob la da**, The Beatles
- McCartney, Paul & Lennon, John: **Yesterday**, The Beatles
- McVie, Christine: **Songbird**, Eva Cassidy
- \* Meale, Richard: **Sonata for Flute and Piano**, Zdenek Bruderhans, *flautist*. Steffan Ammer, *pianist*
- Messiaen, Olivier: **Sept Haïkaï**, Netherlands Wind Ensemble. Reinbert De Leeuw, *conductor*
- \* Miller-Heidke, Kate & Nuttall Keir: **Caught In The Crowd**
- \* Miller-Heidke, Kate: **Politics in Space**
- Mitchell, Joni: **Both Sides Now**, \*The Idea of North
- \* Morrison, James: **Zog's Jog**, James Morrison (overdubbed) and Jeff Hamilton
- Mozart, Wolfgang Amadeus: **Piano Sonata No 16 in C major**. Daniel Barenboim, *pianist*
- Mumford, Marcus; Dwane, Edward; Lovett, Benjamin; Marshall, Winston: **The Cave**, Mumford and Sons
- \* Noonan, Katie: **Release**, George
- \* Noonan, Katie: **The Special Ones**, George
- \* Olly Friend: **Shoulders**, Olly Friend
- O'Riordan, Dolores: **Zombie**, The Cranberries
- \* Outback **Airplay**, Outback

Pärt, Arvo: **Cantus in memoriam Benjamin Britten**. Strings of Hungarian State Opera, Antal Eiszrich, *percussion*, Tamas Benedek, *conductor*

Paravonian, Rob: **Pachelbel Rant**

Penderecki, K: **Dimensions of Time and Silence**, Cracow Philharmonic Orchestra / National Philharmonic Orchestra. Henryk Czyz, *conductor*

Purcell, Henry: **Dido & Aeneas - When I am laid in earth (Dido's lament)**. Elin Manahan Thomas, *vocalist*

Perez AC; Ryan, J; Schuller, A: **Fireball**, Pitbull and John Ryan

Peterson, Oscar: **Hymn to Freedom**, Oscar Peterson, *pianist*

\* Prestwich, Steve & Walker, Don: **Flame Trees**, Cold Chisel

\* Qunta, Andy; Reid Keith; Ryder, Maggie: **You're the Voice**, John Farnham & The John Farnham Band

Ravel, Maurice: **Boléro**, Frankfurt Radio Symphony Orchestra. Jean-Christophe Spinosi, *conductor*

Raye, Don & Prince, Hughie: **Boogie Woogie Bugle Boy**, The Andrew Sisters

Respighi, Ottorino: **Pines of Rome: 1 Pini de Villa Borghese**, Radio Symphony Orchestra Stuttgart SWR. Georges Prêtre, *conductor*

\* Riebl, Felix: **One Four Five**, Cat Empire

\* Rotsey, Martin; Gifford, Peter; Hirst, Robert; Moginie, James; Garrett, Peter: **Short Memory**, Midnight Oil

Santamaria, Ramón "Mongo", **Afro Blue**

Schafer, Raymond Murray: **Epitaph for Moonlight**, American River College Choir, Dr. Ralph E. Hughes, *conductor*

\* Schumann, John Lewis: **I was only Nineteen**. Julia Stone

\* Schumann, John Lewis: **I was only Nineteen**, Redgum

\* Sculthorpe, Peter: **String Quartet No. 8 I. Con dolore (Aborigines of Australia)**, Kronos String Quartet

\* Seymour, Mark: **Holy Grail**, Hunters and Collectors

Shostakovich, Dmitri: **Two Pieces for String Quartet: II. Polka**, Rasumowsky Quartet

Sibelius, Jean: **Finlandia, Op. 26**, Berlin Philharmonic Orchestra. Herbert von Karajan, *conductor*

Skubiszewski, Cezary: **The Search**, from the movie 'Red Dog'

Smith, D: **Pompeii**, Bastille

\* Snakadaktal: **Dance Bear**, Snakadaktal

Sondheim, Stephen: **Giants in the Sky**, Stephen Carr, *vocalist*, Sayaka Wada *pianist*

Sting: **I Was Brought to my Senses**, Sting

Stravinsky, Igor: **Petrushka, Scene II, Petrushka's Room**, Bolshoi State Academic Theatre Orchestra. Andrey Chistiakov, *conductor*

Stravinsky, Igor: **Symphony of Psalms**, Chicago Symphony Orchestra and Chorus. Sir Georg Solti, *conductor*

Strayhorn, William Thomas "Billy": **Take the A Train**, Duke Ellington Orchestra

Strayhorn, William Thomas "Billy": **Take the A Train**, Ella Fitzgerald

\* Sunwrae: **Soluble Sun II**, Sunwrae

\* Tawadros, Joseph: **Seafarer**, The Australian Chamber Orchestra, Joseph Tawadros, *Oud*, Richard Tognetti, *violinist*

Tchaikovsky, Pyotr Ilyich: **Serenade for Strings in C major, Op. 48**, City Of London Sinfonia. Richard Hickox, *conductor*

Traditional American: **The Lonesome Valley**, O Brother Where Art Thou Soundtrack, The Fairfield Four

Traditional Bulgarian: **Erghen Diado**, Bulgarian State Television Female Vocal Choir

Traditional Irish: **The Butterfly**, Shawn Wyckoff, *flautist*, Maria Millar, *violinist*

Traditional Poacher's Song: **Dogs and Ferrets**, Steeleye Span

Traditional Russian Folk: **The Carnival is Over**, The Seekers

\* Vine, Carl: **Symphony No. 5 "Percussion Symphony"**, Synergy Ensemble & Sydney Symphony Orchestra. Edo de Waart, *conductor*

Wagner, Richard: **The Ride of the Valkyries**, from Die Walküre. Oslo Philharmonic Orchestra. Mariss Jansons, *conductor*

\* Walker, Don: **Khe Sanh**, Cold Chisel

Walker, William: **Amazing Grace**, Soweto Gospel Choir

\* Washington, Megan: **How to Tame Lions**

Webern, Anton: **Langsamer Satz for string quartet**, Signum Quartet

\* Westlake, N: **Antarctica Suite for Guitar and Orchestra, First Movement, The Last Place on Earth**, Melbourne Symphony Orchestra, Slava Grigoryan *guitarist*. Nigel Westlake, *conductor*

Wonder, Stevie: **Isn't She Lovely**, Stevie Wonder

Wonder, Stevie: **Isn't She Lovely**, The Idea of North

## Further Resources

Further examples of Australian works can be found through:

[http://en.wikipedia.org/wiki/Music\\_of\\_Australia](http://en.wikipedia.org/wiki/Music_of_Australia)

A quick summary of Australian composers and groups with links to artists.

<http://www.australianmusiccentre.com.au>

Provides recordings, scores, analysis and resources on Australian composers

[http://www.aussiebands.com.au/australian\\_rock\\_and\\_pop\\_artists.htm](http://www.aussiebands.com.au/australian_rock_and_pop_artists.htm)

A list of Australian bands with links to their official websites

Music is everywhere—it is all pervasive. Never before has so much music been so accessible. Yet how well do we listen to music? How often do we take the time to really hear it from the inside out?

This book will help you develop an understanding of the building blocks of music—why music sounds the way it does. You will also extend your vocabulary to articulate what you hear. This book will help you develop your listening skills and appreciate music even more.

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