

BTEC Level 3 Music-Aural perception skills workbook

Harmony and Tonality

Name:

TONALITY

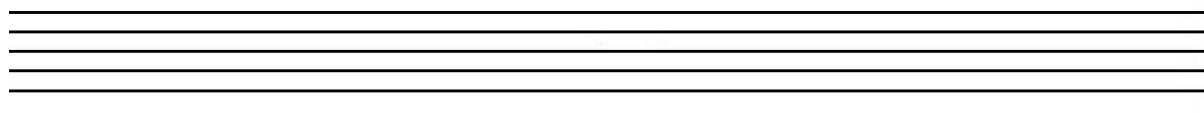
This is what SCALE the song uses as its basis for melody and Harmony

We will look at the 3 most common scales

Scale	Notes used	Example in C	Commonly used in
Diatonic (major)	1 2 3 4 5 6 7	C D E F G A B C	Classical, Pop, Salsa, various others
Pentatonic (major/minor)	Minor-1 b3 4 5 b7 Major 1 2 3 5 6	C Eb F G Bb C D E G A	Blues, Rock, Folk, World music
Chromatic/whole tone/diminished	All/every other note/tone-semitone pattern	All/C D E F# G# A# C/ C D Eb F Gb Ab B	Jazz, progressive, modern classical

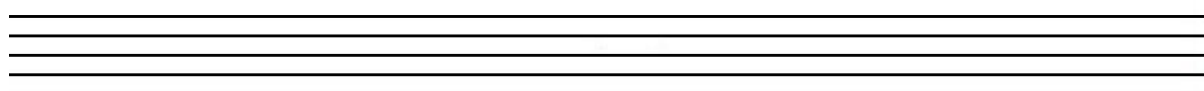
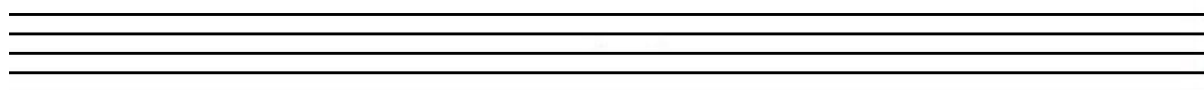
Draw the 3 scales in the key of C here:

The image shows two sets of blank musical staves, each consisting of five horizontal lines. The first set is positioned above the second set, providing space for the student to draw the three scales in the key of C.



Composition work

Write 3 short melodies using on scale from each category, write them down here and be prepared to play them to the class



LISTENING TEST-Are the melodies in the following pieces of music from the Diatonic, Pentatonic or Chromatic scales?

Song	Diatonic	Pentatonic	Chromatic
1			
2			
3			
4			

MODAL Application of scales

The idea of modal scales is SIMPLE but it becomes very COMPLEX

Modal scales mean we use any scale we know, but we change its CENTRE OF TONALITY, its TONIC note

In other words we START the scale in a different place, but all the same notes are used

So simply the C major scale can be changed to be 7 DIFFERENT scales, all with the same notes!

Mode	1st	2nd	3rd	4th	5th	6th	7th	Oct
Ionian	C	D	E	F	G	A	B	C
Dorian	D	E	F	G	A	B	C	D
Phrygian	E	F	G	A	B	C	D	E
Lydian	F	G	A	B	C	D	E	F
Mixolydian	G	A	B	C	D	E	F	G
Aeolian	A	B	C	D	E	F	G	A
Locrian	B	C	D	E	F	G	A	B

The scales highlighted are the most commonly used

Exercise-

With a partner, play around with each scale by establishing a ROOT note with a repeated Bass then play around with the scale:

-Work out if it is major or minor

-Does it have major or minor 7th

-Work out its 'Character' and write it in the correct box below

Mode	Description	Major or Minor 3rd?	Major or Minor 7th?
	A 'Jazzy' sounding minor scale that has a minor seventh		
	A 'Jazzy' sounding major scale that contains a minor seventh		
	A more 'classical' sounding minor scale		
	A basic major scale		
	A 'Spanish' sounding scale with both a normal and augmented 5th		

	An 'Indian' sounding scale that contains a normal and diminished 5th		
	A 'Spanish' sounding scale containing no normal 5th		

This seems like a lot to take in, but really you will only ever used the Ionian (major) Dorian, Mixolydian and Aeolian (maybe the phrygian if you play a Spanish style!)

Listening exercise-Which MODE is each of the pieces of music using?

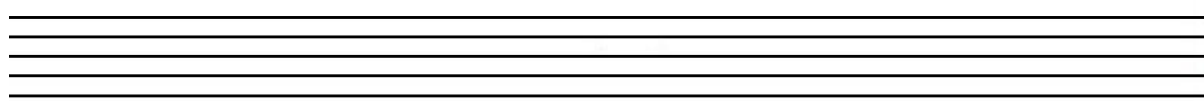
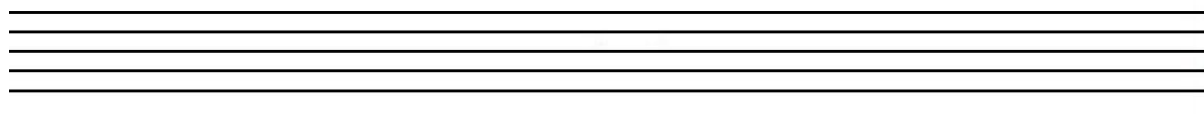
Song	Mode?
1	
2	
3	
4	
5	
6	
7	

COMPOSITION WORK

With a partner, choose 2 modes and write a short piece of music that incorporates both. One person should be playing a bass note or ostinato to help establish the TONIC note.

You have 15 minutes.

Our Modal compositions



CADENCES

Cadences are how a piece of music uses harmony to end a section of the song, often resolving to the tonic chord.

Details can be found here:

http://www.bbc.co.uk/schools/gcsebitesize/music/elements_of_music/harmony_and_tonality2.shtml

There are 4 main types of Cadence

✦ **Perfect cadences** sound as though the music has come to an end. A perfect cadence is formed by the chords V - I.



- **Interrupted cadences** are 'surprise' cadences. You think you're going to hear a perfect cadence, but you get a minor chord instead.

- **Imperfect cadences** sound unfinished. They sound as though they want to carry on to complete the music properly. An imperfect cadence ends on chord V.

- **Plagal cadences** sound finished. Plagal cadences are often used at the end of hymns and sung to A-men. A plagal cadence is formed by the chords IV - I.

Cadences listening test

Listen to the following four songs, what Cadences do they end with?

Son	Perfect?	Interrupted	Imperfect?	Plagal?
g		?		
1				

2				
3				
4				