



Exploring timbre, tempo and dynamics

This unit develops children's ability to recognise how sounds and instruments can be used expressively and combined to create music in response to a stimulus.

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Medium term plan

1st lesson plan

2nd lesson plan

3rd lesson plan

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For definitions of musical vocabulary, click here.

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For alternative themes and activities, click here!



as part of a class composition

Rain, rain, go away

Exploring timbre, tempo and dynamics

MEDIUM TERM PLAN

Teaching Activities Learning Outcomes Learning Objectives Children Children should learn With your class **INTRODUCTION:** HOW CAN MUSIC DESCRIBE DIFFERENT KINDS OF WEATHER? how sounds can be used 1. Listen to Mahachagogo and perform use voices and sing expressively descriptively the chant in voices which describe describe different images created by different feelings • that music can describe an music environment 2. Learn to sing It's gonna be hot and use voices descriptively 3. Listen to Light showers, sunny spells to identify and describe the sounds **EXPLORATION:** HOW CAN WE USE SOUNDS TO DESCRIBE THE WEATHER? • how sounds can be used use voices and sing expressively 1. Learn to sing Majā pade descriptively · describe different images created by 2. Select instruments to accompany that music can describe an music Majā pade environment select appropriate instruments and 3. Listen to Majā pade to notice and about sounds made by different identify the accompanying choose and combine sounds sound sources carefully instruments about sounds made by different 1. Listen to Storm and describe the select appropriate instruments and sound sources effect choose and combine sounds carefully 2. Perform Storm and control the how words can describe sounds identify and use descriptive words to volume create sound pictures how sounds can be changed 3. Perform Storm with instruments and change sounds to reflect different how sounds can be combined control volume stimuli select appropriate combinations of sounds about sounds made by different 1. Sing Gonna build a house boat with identify and use descriptive words to sound sources actions create sound pictures how words can describe sounds 2. Select and layer sounds for an select appropriate instruments and accompaniment to Gonna build a choose and combine sounds carefully how sounds can be changed house boat change sounds to reflect different how sounds can be combined 3. Improvise a performance of Builder's stimuli yard select appropriate combinations of sounds **BRINGING IT ALL TOGETHER: CAN WE MAKE OUR OWN WEATHER COMPOSITION?** how sounds can be organised 1. Add sounds to the recording of choose carefully and order sounds Noah's ark within simple structures in response how to create a class composition to the stimulus of weather 2. Sing Noah's ark and play Storyteller to using simple structures recognise the episodes of the story contribute ideas and control sounds as part of a class composition 3. Perform Noah's ark without the CD 1. Perform Noah's ark with instrumental choose carefully and order sounds how sounds can be organised within simple structures in response interludes how to create a class composition to the stimulus of weather using simple structures 2. Retell the Noah's ark story with contribute ideas and control sounds instruments

Appraise the recordings of Noah's ark and share them with another class





Exploring timbre, tempo and dynamics



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LESSON PLAN

Learning Objectives

Children should learn

- how sounds can be used descriptively
- that music can describe an environment

Learning Outcomes

Children

- · use voices and sing expressively
- describe different images created by music

RESOURCES AND PREPARATION

• CD tracks: 53-56

VOCABULARY:

duration: the word used in music to refer to the length of a sound or silence

dynamics/volume: the volume of the music, usually described in terms of loud/quiet

pitch: refers to the complete range of sounds in music from the lowest to the highest

tempo (plural tempi): the speed at which music is performed, usually described in terms of fast/slow

timbre: quality of sound, eg squeaky. All instruments, including voices, have a particular sound quality which is referred to as timbre

Teaching Activities

1 Listen to Mahachagogo and perform the chant in voices which describe different feelings

This chant explores ways of using the voice expressively to describe different feelings.

2 Learn to sing It's gonna be hot and use voices descriptively



The children explore ways to sing the verses of this song to express the different weather of each verse.

3 Listen to Light showers, sunny spells to identify and describe the sounds



The children identify and discuss the ways sounds are used descriptively in this piece of weather music.

SUPPORT: suggest that the children close their eyes to focus their listening. Play the music more than once so that the children may notice different things.

Lesson Extension

Ask the children to demonstrate ways Mahachagogo's voice might change if he was wet, frozen, blown by the wind ...



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LESSON PLAN

Learning Objectives

Children should learn

- how sounds can be used descriptively
- that music can describe an environment
- · about sounds made by different sound sources

Learning Outcomes

Children

- · use voices and sing expressively
- describe different images created by music
- select appropriate instruments and choose and combine sounds carefully

RESOURCES AND

- CD tracks: 57-59
- Variety of percussion instruments

Teaching Activities

1 Learn to sing Majā pade 57-581)



The children learn a song which describes different weather.

2 Select instruments to accompany Majā pade



The children choose appropriate instruments to accompany each verse of the song and explore sounds which describe the featured weather.

SUPPORT: record the performance and discuss which sounds were most effective. If any of the sounds were too loud and drowned out the singing it may be more apparent to some players than when they are absorbed in playing.

3 Listen to Majā pade to notice and identify the accompanying instruments



The children identify the instruments used as an accompaniment to the song and discuss the descriptive qualities of the sounds. They compare these sounds with their own choices from activity 2.

VOCABULARY:

duration dynamics/volume pitch timbre

Lesson Extension

Ask the children to make up other verses for Majā pade which describe different weather, eg

Strong wind, strong wind, blowing and howling, Let's all be happy listening to the strong wind.



Exploring timbre, tempo and dynamics

3rd

LESSON PLAN

2000

Learning Objectives

Children should learn

- about sounds made by different sound sources
- how words can describe sounds
- how sounds can be changed
- how sounds can be combined

Learning Outcomes

Children

- select appropriate instruments and choose and combine sounds carefully
- identify and use descriptive words to create sound pictures
- change sounds to reflect different stimuli
- select appropriate combinations of sounds

RESOURCES AND PREPARATION

- CD tracks: 60-61
- Variety of percussion instruments

Teaching Activities

1 Listen to Storm and describe the effect



As they join in with this chant, the children control the volume of their voices to match the changes in the recording. They discuss how the words and voices are used descriptively.

2 Perform Storm and control the volume



The children explore two different ways of changing and combining voices to create the effect of a storm.

SUPPORT: check that the tempo remains the same as the volume increases (the tendency will be that the children speed up as they become louder). If necessary, practise with a steady beat played on a drum.

3 Perform Storm with instruments and control volume

The children select appropriate instruments to match the words of the chant and control the volume of playing as they perform two different structures which combine the sounds.

VOCABULARY:

crescendo: getting louder diminuendo: getting quieter dynamics/volume tempo timbre

Lesson Extension

Ask the children to suggest another way to perform *Storm*, eg alternating voices with instruments in each line so that the instruments play 'splish splash' with increasing and decreasing volume.



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4st

sources

LESSON PLAN

Learning Outcomes

Children

- identify and use descriptive words to create sound pictures
- select appropriate instruments and choose and combine sounds carefully
- change sounds to reflect different stimuli
- select appropriate combinations of sounds

RESOURCES AND

- CD tracks: 62-63
- Builder's yard photocopiable (p48): cut into four cards
- Variety of percussion instruments
- Cowbell

how sounds can be changed how sounds can be combined

· how words can describe sounds

Children should learn

Learning Objectives

· about sounds made by different sound

Teaching Activities

1 Sing Gonna build a house boat with actions



The children learn a song which includes onomatopoeic word patterns.

SUPPORT: make some of the building actions on alternate sides of the body to help develop the children's coordination skills as they move to the beat, eg tap hammer on right and left side, swish paintbrush across in front of body from left to right.

2 Select and layer sounds for an accompaniment to Gonna build a house boat





In groups, the children select instruments and sounds to match the descriptive word patterns of the song. They perform these as an accompaniment.

3 Improvise a performance of Builder's yard



Using a pictorial score, a conductor leads groups of players in an improvisation of descriptive sounds. Two conductors lead another improvisation which combines sounds.

VOCABULARY:

conductor: the person elected to lead the group

dynamics/volume

improvisation: music invented as you go along

score: all the parts of a piece written down

tempo

texture: layers of sound, eg the two layers of sound created by a melody accompanied by a drum beat

timbre

Lesson Extension

Ask the children to make up extra verses for Gonna build a houseboat using their own onomatopoeic word patterns, eg drill - vrrr vrrr vrrr. Select appropriate instruments to accompany these new verses.



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LESSON PLAN

Learning Objectives

Children should learn

- · how sounds can be organised
- · how to create a class composition using simple structures

Learning Outcomes

Children

- · choose carefully and order sounds within simple structures in response to the stimulus of weather
- · contribute ideas and control sounds as part of a class composition

RESOURCES AND

- CD track: 64
- Noah's ark photocopiable (p50): enlarged and cut out into cards
- Variety of percussion instruments
- Recording equipment

Teaching Activities

1 Add sounds to the recording of Noah's ark 4



The children listen to the recording then improvise sounds from a variety of sound sources explored in previous lessons: voices, body percussion, instruments.

2 Sing Noah's ark and play Storyteller to recognise the episodes of the story



This game familiarises the children with the episodes of the story and helps them to learn the song.

VOCABULARY:

duration

dynamics/volume

pitch

timbre

tempo texture

structure: most music is underpinned by a structure which may be as simple as beginning, middle and end

3 Perform Noah's ark without the CD

The children perform the song without the CD and make decisions about how to sing it expressively, and about the vocal and body percussion sounds they will add.

SUPPORT: use the Noah's ark photocopiable to remind the children of the verses of the song.

Lesson Extension

Ask the children to devise actions to add to each verse of Noah's ark and perform these together as you sing the song.



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LESSON PLAN

Learning Objectives

Children should learn

- how sounds can be organised
- how to create a class composition using simple structures

Learning Outcomes

Children

- choose carefully and order sounds within simple structures in response to the stimulus of weather
- contribute ideas and control sounds as part of a class composition

RESOURCES AND PREPARATION

- CD track: 64
- Noah's ark photocopiable (p50): enlarged and cut into cards
- Variety of percussion instruments
- Recording equipment
- Filming equipment (optional)

Teaching Activities

1 Perform *Noah's ark* with instrumental interludes



The children select instruments to describe the six episodes of the song, then create group compositions to play as instrumental interludes between the verses.

2 Retell the *Noah's ark* story with instruments



In groups, the children retell the *Noah's ark* story with instruments alone using the pictorial score to remind them of the order.

VOCABULARY:

duration

dynamics/volume

pitch

tempo

texture

timbre

score

structure

Appraise the recordings of *Noah's ark* and share them with another class

The children listen to and compare the effectiveness of recordings of their different versions of the *Noah's ark* story.

SUPPORT: some groups may need support in organising the structure of their music. Encourage them to use their own ideas, but if necessary be prepared to help them choose a structure.

Lesson Extension

Invite small groups to dramatise the story in response to the four different recordings.

Glossary

accompaniment

the underlying sounds used to support a melody line

body percussion

sounds that can be made using parts of the body, eg clapping, tapping knees ...

call and response

a style of song in which a leader sings a short melody (the call) and a chorus of singers respond with an answering short melody (the response)

chord

two or more notes played at the same time

conductor

the person elected to lead the group

crescendo

getting louder

diminuendo

getting quieter

drone

a sound, or sounds, played constantly throughout all or part of a piece of music as an accompaniment

duration

the word used in music to refer to the length of a sound or silence

dynamics/volume

the volume of the music, usually described in terms of loud/quiet

glockenspiel

a tuned percussion instrument with metal bars

graphic score

a score in which musical intention is recorded by means of graphic symbols

improvisation

music invented as you go along layering

the process of creating texture by combining layers of sound

musical elements

pitch, rhythm, timbre, dynamics, tempo, duration, texture, structure (see definitions)

notation

ways of writing music down ostinato (plural ostinatos/ ostinati)

a short rhythmic or melodic pattern that is repeated over and over

phrase

a small unit of melody, often corresponding to a line of a song in vocal music

pitch

refers to the complete range of sounds in music from the lowest to the highest

pitch movement

the steps and jumps by which a melody moves up and down in pitch

playing methods

acoustic (non-electronic) sounds are made by shaking, scraping, tapping or blowing a soundmaker

pulse/beat

pulse and beat are used synonymously to refer to the regular heartbeat of the music - the 'steady beat'

rhythm

patterns of long and short sounds played within a steady beat

score

all the parts of a piece written down

soundmaker

any sound source used as a musical instrument

sound sources

sounds in music may come from any source – there are no limitations

structure

most music is underpinned by a structure which may be as simple as beginning, middle and end

tempo (plural tempi)

the speed at which music is performed, usually described in terms of fast/slow

texture

layers of sound, eg the two layers of sound created by a melody accompanied by a drum beat

timbre

quality of sound, eg squeaky.
All instruments, including
voices, have a particular sound
quality which is referred to as
timbre

tuned percussion

the family of instruments which includes chime bar, glockenspiel, hand chime, metallophone, tubular bell, xylophone

untuned percussion

percussion instruments which make sounds of indefinite pitch

xylophone

a tuned percussion instrument with wooden bars

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