

Carnival of the Animals

HOW TO USE THE CARNIVAL OF THE ANIMALS RESOURCES

These learning resources were created by Associate Professor Neryl Jeanneret and Dr Emily Wilson, from the Melbourne Graduate School of Education at the University of Melbourne. In this suite, you will find ideas suitable for students from Foundation through to Year 12, from beginners to advanced.

THE LION LESSON PLAN

This is a learning progression, which can be undertaken over a number of lessons. Simply start at the top and work your way down. While this progression assumes a degree of teacher musical literacy, there are also some 'Other Ideas' included for generalist teachers.

THE LION LISTENING GRID

Listen to *The Lion*. Note how it falls into 6 sections. Print a copy of the Listening Grid for each student. Ask them to *tick* whether they hear the melody or the growl in each section. Listen again – this time focusing on pitch. Is the pitch of the melody/growl high, low or medium? Repeat with a focus on the tempo, then repeat with a focus on tone colour. This could be a series of experiences over a single lesson, or you may prefer to just focus on one musical element (e.g. pitch).

TORTOISES AND THE ELEPHANT LISTENING GRIDS

Listen to *Tortoises*. Note that it has two contrasting sections. Play the main theme a few times (as per the excerpt written at the top of the Listening Grid). Ask students to *circle* whether the theme melody is high, medium or low. Is the melody in the second section (Section B) the same as in Section A or different? Ask the students to circle their answer. Work your way down the grid, focusing on the accompaniment, the tempo and the dynamics.

Listen to *Elephant*. Note that it has three sections. The first two are different to each other, but what happens in the third? Encourage the students to think about similarities and differences in theme, accompaniment, tempo and dynamics. If the students have completed the *Tortoises* Listening Grid, they may be able to complete this one with less teacher scaffolding.

These Listening Grids could be explored as a whole class, in small groups, or individually – all with support and leading questions by you, the teacher.

AQUARIUM

This learning package includes ideas for F-12. You can enter into this work by choosing one idea or many. For those of you working with younger students, beginning with a picture book is a great entry point to explore *Aquarium*. The whole class activities are particularly suitable. For those working with older and/or more advanced music students, there are options to delve deeply into listening and analysis. The supporting worksheets are there to help scaffold and document this learning.

THE LION: LESSON PLAN PRIMARY

OUTLINE	POINTS FOR TEACHERS
 Learn the speech rhyme, using the pause/stop where indicated, while patsching the beat Whole group clap the rhythm of the rhyme Split the class in two: one patches the beat while the other claps the rhythm – swap Clap as a two-part round 	Speech Rhyme: Lions marching through the grasslands, What is it they're hunting for? Lions marching through the grasslands, Can you hear their mighty roar? (ROAR!)
 Say and clap the ostinati taken from the rhythms in the melody Decide on body percussion for each ostinato Divide into four groups and perform, rotating so each group performs each rhythm Transfer the rhythms to non-melodic percussion and perform in various combinations. Experiment with and discuss which instruments best suit the individual rhythms. 	Li- ons march through the grasslands Hun-ting hun-ting hun-ting
 Learn the tune – sing or play using melodic percussion Play the drone on the bass xylophone Add ostinati and perform Sing or play the melody, at low, medium and high pitch Experiment with changing the tempo 	
 Ask children how lions growl. Is it high or low? Can they growl for four counts? Experiment with instruments until the class has found a satisfactory "growl" which lasts for 4 beats. E.g. vocally, with two. Mallets on a tambour, R/L hand patsching very quickly Graphically notate the growl which lasts for four beats, followed by four beats silence. Repeat so there are 4 bars or 16 beats in total. 	4 growl////w/ growl/////w/



Carnival of the Animals LESSON PLAN PRIMARY

OUTLINE	POINTS FOR TEACHERS
 The original rhyme now becomes Part A and the growl becomes Part B. Use the suggested score for a performance. Start by playing through the alternating parts only. Then experiment with changes in pitch and tempo. 	
• Listen to <i>The Lion</i> – it falls into 6 sections. Using the Listening Chart, ask the children to tick whether it is the melody or the growl they hear in each section.	These activities depend very much on the class and teachers can use them separately or together
• Listen again – this time focus on pitch. Is the. Pitch of the melody/growl high, low or medium?	
 Repeat with a focus on the tempo Repeat with a focus on tone colour 	

LEVEL 3 AND 4 CONTENT DESCRIPTIONS ADDRESSED

Explore and Express Ideas

Use imagination and creativity to explore pitch, rhythm/time and form, dynamics and tempo using voice, movement and instruments.

Music Practices

Use voice and instruments to sing and arrange music from different cultures, times and locations, and improvise and compose music in different forms.

Present and Perform

Rehearse and perform songs and instrumental music they have learnt and composed, shaping elements of music to communicate ideas to an audience.

Respond and Interpret

Identify features of the music they listen to, compose and perform, and discuss the purposes it was created for, including the music of Aboriginal and Torres Strait Islander peoples, using music terminology.

Carnival of the Animals LESSON PLAN PRIMARY

OTHER IDEAS

- How do lions move? What do they do all day? e.g. sleep, hunt, stretch, prowl, play, yawn. Devise cat movements as a group, e.g. a lion waking up; move like a lion to a slow/fast beat
- What do we call groups of large and small cats? Lions: a pride; cats: a clowder or glaring; kittens: a litter or kindle; wild cats: a destruction; jaguars: a shadow; leopards: a leap; tigers: an ambush or streak
- Collect images of large cats and make a display/class collage
- Research the habitat of large cats on a map of the world, label where the large cats live
- Brainstorm different types of cats (panther, puma, etc)
- Look at the "L" page of Animalia invent alliterated nonsense phrases to go with the cats they've named previously. Combine to make a class poem.
- Name breeds of domestic cats
- Discuss the idea of feral cats and the problem they create in Australia
- Research a history of cats e.g. their importance in Ancient Egypt
- Write a poem about cats using lots of "C" words
- Research famous cats e.g. Puss 'n' Boots, Garfield, etc
- A cat's fur is soft collect materials to make a tactile cat collage
- Why are some people allergic to cats?
- What words describe cats?





Carnival of the Animals LESSON PLAN PRIMARY

THE LION





LISTENING GRID

12 bar Introduction + 4 bar "fanfare"

THE LION by Saint Saëns		1 8 bars	2 8 bars	3 8 bars	4 8 bars	5 8 bars	6 8 bars
	melody	х	х			х	
	growl			Х	X	X	
TONE COLOUR the particular tone or quality of the sound	strings OR						
	piano						
TEMPO the speed of the music	fast OR						
	moderate OR						
	slow						
PITCH higher or lower sounds	high						
	low						

LISTENING GRID

TORTOISES	61 J.,		Os	DIFFERENT? HOW?
THEME melody	high medium low	same different	same different	
ACCOMPANIMENT What goes on underneath the melody	piano	same different	same different	
TEMPO the speed of the music	fast moderate slow	same different	same different	
DYNAMICS Loudness and softness	constant changes	same different	same different	
	SECTION A	×		SECTION B

BINARY FORM = two sections which contrast

LISTENING GRID

THE ELEPHA	NT 🐉 🛺 🛺			WHAT HAPPENS HERE?
THEME melody	high medium low	same different	same different	
ACCOMPANIMENT What goes on underneath the melody	piano	same different	same different	
TEMPO the speed of the music	fast moderate slow	same different	same different	
DYNAMICS Loudness and softness	constant changes	same different	same different	
	SECTION A	v	SECTION B	SECTION ?

TERNARY FORM = three sections...



LINKING WITH OTHER LEARNING AREAS

- Design a unit of work that focuses on "under the sea"
- Tropical or temperate?
- Local or elsewhere?
- What is an aquarium? What would you expect to find in an aquarium? Why do we have aquariums?
- Research aquariums
- Organise an excursion to an aquarium
- Investigate aquariums you could have in the home

BEGINNING WITH PICTURE BOOKS

Think about picture books that provide a springboard into discussions related to aquariums and the sea. For example, Jeannie Baker, *The Hidden Forest*: choose a page or pages for children to use instead of the pictures provided. Alison Lester, *Imagine*: use the double page illustration of under water instead of the pictures provided. We have used *Respect*, Aunty Fay Muir & Sue Lawson; illustrated by Lisa Kennedy.

SHOW AND DISCUSS THE PICTURES WITH CHILDREN

What do they see? How many different kinds of fish are there? What vegetation can they see? What would you hear? What is a shoal? How does a shoal of fish move? How do individual fish move? How do sharks move? How does the water move? How would the seaweed move? Compare the pictures – their differences and similarities. What would these children see from the boat? What would be different if it was daytime?

BEGINNING WITH FILM

Use video segments showing underwater shots or create a Quicktime film from a Powerpoint presentation containing underwater pictures as a stimulus for composition.

ACTIVITIES

With young children – have children invent movements for how different fish, the water and the seaweed might move. Play an excerpt from *Aquarium* and ask the children to use their movements with the music. Do their movements work with the music or do they have to change them a little? Why?

WHOLE CLASS ACTIVITIES	OPTIONS
Resources: • Pictures • Selection of instruments and sound makers • Sheets of paper and coloured markers • Aquarium Listening Worksheet (whole group)	Non-musical sound sources such as a bucket of water, bottle of water with straws.
 Pictures displayed. Children sitting in a large circle with a selection of instruments and sound makers in the centre. Ask children for their suggestions – can we make sounds that represent the pictures using our voices and the sound makers? What could represent the water? What could represent the different fish? What could represent seaweed and other plants? Ask children to demonstrate their suggestions and have the other members of the class imitate. Discuss how sounds could be modified (if appropriate). What could we draw to represent these sounds? Draw these on the sheets of paper. Put the sounds together in a soundscape – work with children and the sheets of paper to construct a soundscape that reflects the pictures. Perform different combinations according to the children's suggestions and refine the composition. Rehearse final version and perform. Listen to Aquarium – describe how Saint-Saëns has created the sense of an aquarium. Are there any similarities with the class composition (Worksheet A)? 	 Use a picture book. Allow for children using non-musical sources e.g. water blowing through straws.

SMALL GROUP ACTIVITIES	OPTIONS
Resources: • Pictures • Selection of instruments and sound makers • Sheets of paper and coloured markers • Aquarium Listening Worksheet (small group)	Non-musical sound sources such as a bucket of water, bottle of water with straws.
 Children are given instructions to take an image and create a soundscape that represent the picture(s) (in the same way a film composer might be given an assignment). Set a time limit – decide whether this is to be done in one or over a couple of lessons. If over multiple lessons, children have the opportunity to bring in other sound sources from home if they desire. Children are divided into groups, develop their soundscape and rehearse for performance. Groups perform – as they are listening to each performance, ask the class to think about the similarities and differences between the groups. Make a note of these similarities and differences at the end of the performances – how was the sense of water moving created?* * A word of warning – there is a strong possibility that at least one group won't be able to resist depicting a shark attack or a shark entering the scene Listen to Aquarium – describe how Saint-Saëns has created the sense of an aquarium (fish, water, etc). Are there any similarities with the class compositions (Worksheet A)? 	 Use a picture book. Another approach is to give each group a different picture and the soundscapes to be joined together. Allow for children using non-musical sources e.g. water blowing through straws. Children also "draw" their soundscapes to use as a musical score. Decide on a sequence of the groups, perform and record. Listen to the recording and decide what might be done to improve the composition (or not).

CREATE A SCORE READING TASK WITH THE FOLLOWING:

What is the meaning of the following?

8	diminuendo
andantino	pizz
рр	arco
ppp	Р
sourdine	*
una corda	
sf	

- What instruments is the piece scored for?
- What does "harmonica" refer to?
- What does "alto" refer to?
- What is the time signature?
- What is the harmonic device used in the cello part called?
- Find example of pedal point in the score.
- What is the rhythmic device used in the second bar of the flute part called?
- What is the rhythmic device used in the "harmonica" part in Bars 1 and 2?
- Find four examples of syncopation.
- What is the difference between Bars 1 and 2, and 3 and 4?
- What is the cadence used in Bar 4?
- What are the violin 2 and viola playing in relation to the violin part in Bars 1–4?

- What is the melodic device used in bars 5-7 called?
- Find an example of sequence.
- Write out the harmonic progression used in Bars 7 and 8.
- What is the harmonic device used in the string part in Bars 9-12 called?
- What is the relationship of the pedal used in Bars 9–12 to the tonic?
- Is there a pattern in the right part of Piano 1 in Bars 9–12?
- How are Bars 21-24 different from Bars 9-12?
- Describe the theme in Bars 25–26.
- Outline the harmonic progression in Bars 25-30.
- Describe the structure of Bars 1-12.
- Describe the structure of the piece.

OPEN-ENDED SYNTHESIS ACTIVITIES FOR ADVANCED STUDENTS

These items can be used with the aural stimulus only or with the recording and score. (Ref Aquarium - Analysis at a glance)

- 1. Referring to the elements of music, describe how has Saint-Saëns created the sense of an aquarium in this piece.
- 2. Describe the composer's use of melody and timbre in this piece.
- 3. Describe the composer's use of rhythm in the piece.

AQUARIUM: ANALYSIS AT A GLANCE

PITCH (melody, harmony, tonality)

- A simple melody doubled by flute and strings E D# E D# E A – semitones which then drop of a 5th; syncopated version played by glockenspiel
- Third time played a 5th lower with a rise of a 3rd at the end
- Melody echoed in glockenspiel
- Use of chromaticism, especially in piano interludes
- Tonal centre of A no key signature, A minor implied, ends with an A arpeggio and major chord
- Use of pedal cello; sometimes split between strings
- Ornamentation glissando in glockenspiel, piano part acts as ornamentation
- Sequence in melody in A
- Very high piano part 8ve; use of ledger lines
- Alto clef for viola
- Enharmonic changes
- Simple harmonic structure: centres around primary triads and inversions plus III
- Dominant 7th used
- Arpeggios in piano parts

RHYTHM (metre, rhythm, tempo, accent)

- 4 time signature
- Use of sextuplets in 2nd piano, "decatuplets" (10 in the time of 8) in 1st piano
- Andantino
- Syncopation:
 - o Through note values e.g.



o Through rests in glockenspiel part



o Through ties in strings eg 2nd violin



Tie

Examples of rhythmic vocabulary:



STRUCTURE/FORM

The piece is in bar form and is based on a medieval German poetic form used by the Meistersingers. It follows the pattern of a melody repeated twice followed by another melody which may contain elements of the first melody – AAB. Wagner revived the form in *Tannhäuser* and *Der Meistersinger*.

Bars 1 – 8 A Bars 9 – 12 piano codetta
Theme played by flute, doubled by violin; echoed by
syncopated glockenspiel; pedal on A



Bars 13–20 A Bars 21–24 piano codetta
Theme repeated

Bars 25-39 E

Slight variation of theme – played 5th lower with last two notes rising a 3rd; pedal on D; segues into arpeggios and glissandi on glockenspiel; finishes with A major arpeggio and A major chord

DYNAMICS/EXPRESSION

- pp ppp
- sf then diminuendo in piano

- TIMBRE
- Originally scored for flute, 2 pianos, glass harmonica, violins, violas and cellos
- Use of French instrument names
- Glockenspiel or celesta substituted for glass harmonica
- Wide range in piano
- Use of mutes in string parts
- Pizzicato and arco in string parts
- Damper and sustain pedals in piano
- Light and airy tone colour created through the emphasis on the upper registers of instruments and dynamics

TEXTURE

- Basically homophonic
- Melody in flute and string parts
- Use of pedal or sustained notes in cello
- Rippling demisemiquaver patterns in piano parts

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Inimals by
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the music. Plan for the

"seaweed" moving on the

spot and the fish moving

around.

	Foundation		LEVELS 1 and 2		LEVELS 3 and 4		LEVELS 5 and 6	
	✓ E&E	P&P	✓ E&E	✔ P&P	✓ E&E	✔ P&P	✓ E&E	✔ P&P
	MP	✓ R&I	✓ MP	✓ R&I	✓ MP	✓ R&I	✓ MP	✔ R&I
	Tell the childre going to listen music about w	•	in an aquarium. Liste best represents the r	es showing contrasting scenes, one of which is fish en to <i>Aquarium</i> and ask the children which picture music. Ask them what it was about the music that	under the sea, or an	n pictures of an aquarium or appropriate picture book.	As for Levels 3 at the following. • Children liste	
	ask them "w	After listening to Aquarium, ask them "where are we?" or or		out water.	soundscape that re same way a film co	and work through the listening chart (Grid C).		
	(e.g. are we at the beach? are we on the Yarra?). What is it about the music that			assignment).Set a time limit – c	Discuss the observations they have made.			
gives us a sense of water? • Ask the children to s instruments and sou			to sit in a large circle, with a selection of sound makers in the centre.	It it is over a couple of lessons, children have			Have them listen again. This time they are to think	
	 Ask children for their suggestions – can we make sound represent the pictures using our voices and the sound means water and seaweed might move. Play Aquarium again Ask children for their suggestions – can we make sound represent the pictures using our voices and the sound means water and seaweed might different fish? What could represent seaweed and other 		represent the pi	ctures using our voices and the sound makers?	from home if they desire.		about what it is about the music that creates the	
			hat could represent seaweed and other plants?	 Children are divided into groups, asked to develop their soundscape and rehearse for performance. 		sense of water and an aquarium and add notes the chart.		
	and ask the	children to vements with	Ask children to demo	onstrate their suggestions and have the other		as they are listening to each	Have the child	dran write

members of the class imitate.

Discuss how sounds could be modified (if appropriate).

- What could we draw to represent these sounds? Draw these on the sheets of paper.
- Put the sounds together in a soundscape work with children and the sheets of paper to construct a soundscape that reflects the pictures. Perform different combinations according to the children's suggestions and refine the composition.
- Rehearse final version and perform.
- Listen to Aquarium again ask them to describe how Saint-Saëns has created the sense of an aquarium. Are there any similarities with the class composition (See Worksheet A)?

Groups perform – as they are listening to each performance, ask the class to think about the similarities and differences between the groups. Make a note of these similarities and differences at the end of the performances –

 Listen to Aquarium – describe how Saint-Saëns has created the sense of an aquarium (fish, water, etc). Are there any similarities with the class compositions (Worksheet B)?

how was the sense of water moving created?*

* A word of warning – there is a strong possibility that at least one group won't be able to resist depicting a shark attack or a shark entering the scene Have the children write a paragraph about the music, using the listening chart and their notes as a starting point.

Aquarium from Carnival of the Animals by Saint-Saëns

LEVELS 7 & 8

Present students with some short film footage of an aquarium or under the sea.

- Ask them to create a soundscape in groups using instruments and technology (e.g. GarageBand) to support the film in the same way a film composer might be given the assignment.
- Set a time limit decide how this is to be done over a several lessons.
- Students divided into groups, develop their film score and rehearse for performance.
- Groups perform as they are listening to each
 performance, ask the class to think about the similarities
 and differences between the groups. Make a note of these
 similarities and differences at the end of the performances
 how was the sense of water moving created?
- Listen to Aquarium describe how Saint-Saëns has created the sense of an aquarium (fish, water, etc).
 Are there any similarities with the class compositions (Worksheet B)?

LEVELS 9 & 10

Give students a design brief where they will create a soundtrack for some given film footage using technology only generated sounds and loops.

- Listen to Aquarium and describe what techniques and devices Saint-Saëns has used to create the sense of water.
- Listen to other examples of music e.g. Manners by Arca, The Commission by Breton, Ravel's Jeux D'Eaux, Debussy's La Mer, Philip Glass' film score for H2O, Anne Boyd's Goldfish Through Summer Rain.

VCE

Listen to Aquarium – describe what techniques and devices Saint-Saëns has used to create the sense of an aquarium (fish, water, etc).

- Examine the score and the techniques used and work through score reading exercises.
- Listen to other examples of music (e.g. Manners by Arca, The Commission by Breton, Ravel's Jeux D'Eaux, Debussy's La Mer, Philip Glass' film score for H2O, Anne Boyd's Goldfish Through Summer Rain) noting the techniques and devices used by the various composers.
- Students could be given the task of creating their own, short "water" music with their choice of performing media.

E&E: explore and express ideas

MP: music practices

P&P: present and perform

R&I: respond and interpret

LISTENING GRID / GRID C

DYNAMICS the softness or loudness of sounds	gets louder	gets softer	stays the same		p	f
TIMBRE the particular tone or quality of the sound						
TEMPO the speed of the	voice	strings	piano moderate	brass slows down	wind speeds up	glockenspiel changes
music	fast	slow				3 *
MELODY higher or lower sounds played one after the other	人	上上午	repeated ideas			
	mainly steps	mainly leaps		high	low	



WORKSHEET A

Aquarium by Saint-Saëns What do you hear?	Similarities Between us & Saint-Saëns



WORKSHEET B

Our compositions		Aquarium by Saint-Saëns	Similarities Between us & Saint-Saëns	
Similarities	Differences	What do you hear?	between us & Saint-Saens	

LISTENING GRID / GRID D

A		Į.	A	В
Theme played 1 2 3 times by flute trumpet clarinet piano violin	Codetta lots of notes not many notes rippling jerky flowing repetivitive high low ascending patterns descending patterns	Theme played 1 2 3 times by flute trumpet clarinet piano violin	Codetta lots of notes not many notes rippling jerky flowing repetivitive high low ascending patterns descending patterns	Theme same different
glockenspiel? yes no accompaniment piano string woodwind brass	glockenspiel? yes no accompaniment piano string woodwind brass	glockenspiel? yes no accompaniment piano string woodwind brass	glockenspiel? yes no accompaniment piano string woodwind brass	glockenspiel? yes no