

## Relief Teaching Themes:

# THE COAST

## Task cards for:

- English
- Mathematics
- Science
- The Humanities
- Visual Arts

**SAMPLE**



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# Teachers' Notes

## **Relief Teaching Themes: The Coast**

is specifically designed to help relief teachers deliver lessons which are engaging, motivating and related to the theme of the coast. This book is divided into five sections: English, Mathematics, The Humanities, Science and Visual Arts. This allows teachers to locate suitable lessons quickly and easily. The lessons in this book are suited to children aged nine years and above, but can be simplified for younger children. Students with a wide range of learning and thinking styles are catered for.

The lessons are presented as task cards which enables teachers to plan their day to suit their own teaching style. It is advisable to copy sets of the task cards from the book and laminate them for future use. Sets of cards can also be copied in A3 size for effective whole class display. This will save time at the beginning of the day by avoiding queues for the copying machine.

Some of the lessons require the students to research information. Lessons which do require students to make use of materials other than a pen/pencil and paper are clearly marked with appropriate icons. You could borrow a set of books on the coastal theme from the school library so that the students may have access to information throughout the day. You could also book a time in the computer room for students to conduct research. If there are classroom computers, set up a class timetable for shared use of the computer.

## **Individual Work Book**

Provide each student with at least five sheets of A4 paper or ten half A4 sheets of paper to staple together and construct their special daily work book. Provide a piece of coloured card or paper for the cover of the booklet. Allow the students ten minutes at the beginning of the day to begin a cover for their book. Using this individual work book allows relief teachers flexibility and creativity and does not intrude on established class work.

## **Lesson Options**

The teacher selects a set of task cards to use for the day. Display the cards to the class and discuss with the students which activity. Allow students to select their tasks and copy them in their order of preference. Each student can then create their own timetable for the day.

Students are placed into groups to collectively sit down and read through the task card selection given to them by the teacher. Allow the students time to discuss and select tasks from each section. The groups then set up a timetable for the day and begin working on their tasks.

## **Establishing Groups Creatively**

- Take six maps of the world or of Australia and cut each into five jigsaw pieces. Place them in a box and jumble them together. Each student selects a piece of the world. Silently they have to find the group to which they belong by finding the missing pieces of their map.

# TASK CARD 3

WORK IN  
PAIRS



## Silly Sentences

- Step 1** In pairs, fold four pieces of A4 paper in half, then in half again and then in half again. Open up the pieces of paper – you should have 32 divisions in total.
- Step 2** On each division, write down one word. Some words should be connected to the coast and others should be small words such as: *to, and, a, the, then, went, at, looked, saw*. You should have 32 words.
- Step 3** Cut out all the words. This is easy to do using the creases of the paper as a guide.
- Step 4** Combine the words to form sentences. What silly or sensible sentences can you make?
- Step 5** Illustrate one of your sentences.



You will need:



Pencil & Paper



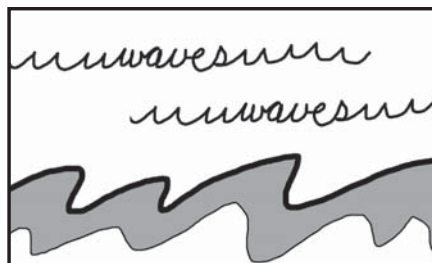
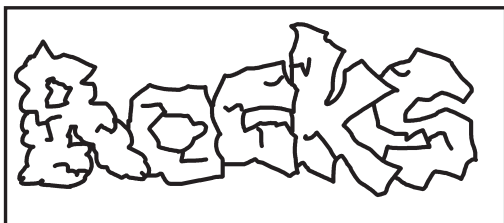
Scissors

# TASK CARD 4

## Word Shapes & Syllables

- Write down three nouns (naming words) and three adjectives (describing words) to do with the coast.
- Arrange the words in your list. Experiment to see if you can write the word into a shape which makes it look like its meaning.

E.g.



- Show the syllables in each word by writing the syllable sections in different colours. E.g. if the word is water, the 'wa' will appear in different colours than the 'ter'.

You will need:



Pencil & Paper



Colour Pens

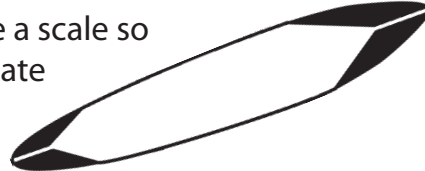


# TASK CARD 1

## Design a Surfboard

Draw two surfboards onto an A4 size sheet of paper. The boards must be shaped differently.

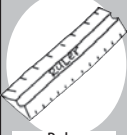
- Decorate them with creative designs.
- Measure the length and width of each board and record the data next to the boards.
- Include what type of fins you would use and record their length and height.
- Extra!** Advanced: Formulate a scale so that somebody could calculate the life size version of each board.



You will need:



Pencil & Paper



Ruler



Colour Pens

# TASK CARD 2

## Design a Coast

Draw a map of a coastal area. Include three types of land forms (e.g. a mountain) and two bodies of water (e.g. a bay). Give each a name (e.g. Mount Mountain and Bounty Bay).

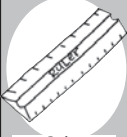
- Draw yourself in the scene.
- Measure the distance from you to each natural feature.
- Record your results in a table which has the names of the places/landforms. See example of a table below.
- Devise a scale to use for determining an actual distance in kilometres.

	TYPE	NAME	Distance
Landform 1	Rocky headland	Rugged Rocks	
Water body 1	Bay	Polkadot Bay	

You will need:



Pencil & Paper



Ruler

# TASK CARD 3

## Shape of a Lighthouse

Think about the shape of a lighthouse. A large circle creates the base of the lighthouse and a smaller circle creates the top of the lighthouse.

- Draw two circles on a sheet of paper to represent the top and bottom of a lighthouse.
- Measure and record the radius, diameter and circumference of each circle.
- Formulate a scale so that somebody could calculate the real size of your lighthouse.



**Radius** = the straight line measurement from the centre of the circle to the edge.

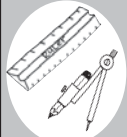
**Diameter** = the straight line measurement across the centre of the circle.

**Circumference** = the measurement around the circle.  $2 \times \pi (3.14) \times \text{radius}$ . To measure manually lay a piece of string around the edge of the circle, then measure the piece of string using a ruler.

You will need:



Pencil, Paper & String



Compass & Ruler



Calculator

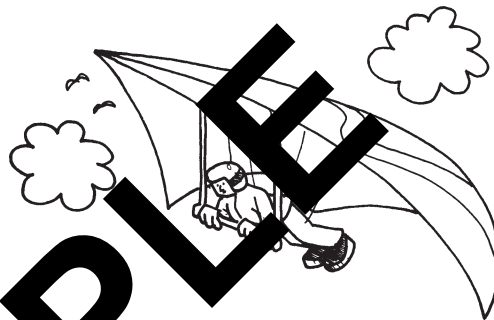
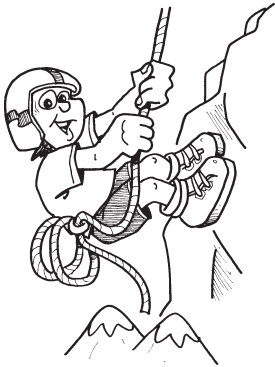
# TASK CARD 11

**WORK IN  
PAIRS**

## Sport and Recreation

**Brainstorm, with a friend, sporting and recreational activities available in a coastal area of your choice.**

- Compare all of your ideas with the class and create a class list.
- Choose ten from the list. Write about where you would do these activities, in what season, what equipment you would need, who you would do the activities with and what clothing you would wear.
- Draw pictures of you participating in your chosen activities.



You will need:



Pencil & Paper



Colour Pens

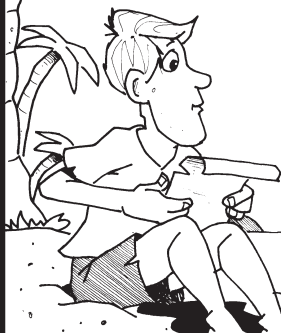
# TASK CARD 12

## Stranded!

**Imagine that you are stranded on a secluded island and need shelter.**

**Design some shelter using the natural resources available to you on the island. Draw and label your design.**

- List the strengths and weaknesses of the materials that you have chosen. Think about different weather conditions.



You will need:



Pencil & Paper



Colour Pens

# TASK CARD 9

## Food Chains

Use the Internet to complete the following:

- Find out the definition of a food chain.
- Investigate one of the following animals whose habitat is a coastal area and research its food chain: **seal, sea lion, crocodile, prawn, crab.** Record its food chain in a diagram with arrows, like the example shown.
- Record any other information (diet, habitat, movement, migration, description) about your chosen animal in the form of an information report.



You will need:



Pencil & Paper



Internet



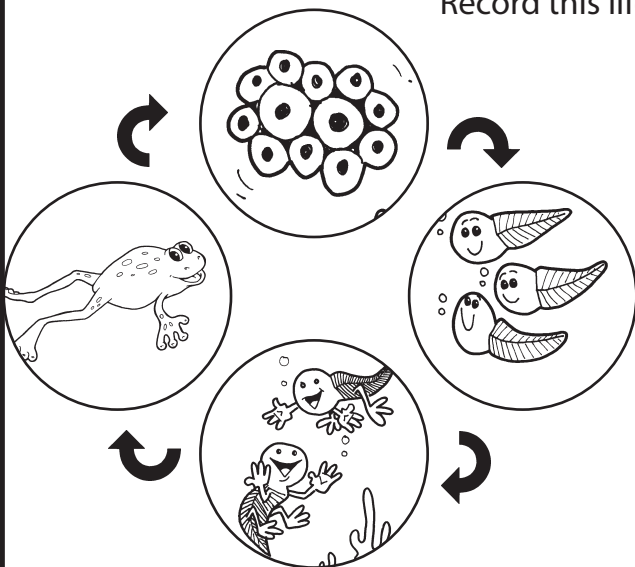
Coloured Pens

# TASK CARD 10

## Life Cycle

Use the Internet to complete the following:

- Find out the definition of a life cycle.
- Select a coastal animal and research its life cycle. Record this life cycle in diagram form using arrows.
- Record any other information (diet, habitat, movement, migration, description) about your chosen animal in the form of an information report.



You will need:



Pencil & Paper



Internet



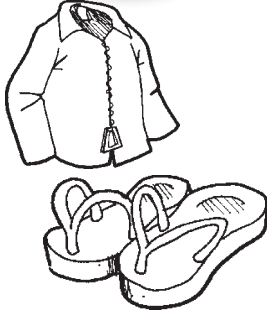
Coloured Pens

# TASK CARD 1

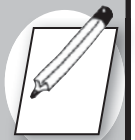
## Clothing Designs

Design one set of clothing for children your age, to suit the following purposes:

- For the beach
- To wear on a cruise
- To fish
- To water ski
- To stay sun safe.



You will need:



Pencil & Paper



Colour Pens

# TASK CARD 2

## Contrasts

Create contrasting beach scenes with watercolour paints.

### Scene 1

- The first scene should give the viewer a feeling of calmness and tranquillity.

Think about: what type of brush strokes you will use to create a calm scene.



### Scene 2

- The second scene should give the viewer a feeling of turbulence and turmoil.

Think about: what type of brush strokes you will use to create a turbulent scene.



You will need:



Pencil & Paper



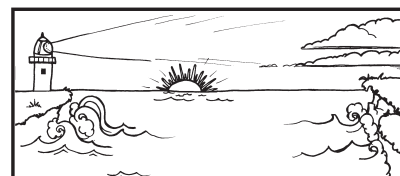
Watercolours  
& Brushes

# TASK CARD 3

## Coloured Paper Mosaic

Create a coastal mosaic scene using torn coloured paper.

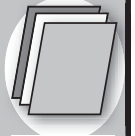
- Select a variety of coloured paper which would suit a coastal scene.
- Create a simple outline sketch of the objects in your scene.
- Tear and then paste the coloured paper you will need one section at a time.



You will need:



Pencils & Paper



Coloured Paper



Glue