

# VIRTUAL CAMPING

## TEACHERS GUIDE

<b>SESSION NAME:</b>	MARINE ENVIRONMENTAL DISCOVERY <b>YEAR 7 &amp; 8</b>
<b>DURATION:</b>	

### SESSION DESCRIPTION:

This session walks you through different coastal environments, including the Anglesea estuary, beach and marine environment, and beach safety. There are accompanying tasks, a quiz, and memory game to complete at the end of the activity.

### CURRICULUM LINKS:

#### PHYSICAL EDUCATION:

- Plan and implement strategies for connecting to natural and built environments to promote the health and wellbeing of their communities (VCHPEP131).
- Investigate and select strategies to promote health, safety and wellbeing (VCHPEP126).

#### GEOGRAPHY

- Different types of landscapes and their distinctive landform features (VCGGK116) .
- Human causes of landscape degradation, the effects on landscape quality and the implications for places (VCGGK119).

#### SCIENCE

- There are differences within and between groups of organisms; classification helps organise this diversity (VCSSU091)
- Interactions between organisms can be described in terms of food chains and food webs and can be affected by human activity (VCSSU093)
- Multicellular organisms contain systems of organs that carry out specialised functions that enable them to survive and reproduce (VCSSU094)

### LOCATION/AREA SET UP:

- Print off “Marine Environmental Discovery” worksheets.
- This session can be delivered in the classroom or online
- A water source is required for this session, for example, a lake, river, estuary or pond.

### PARTICIPANT REQUIRED RESOURCES

- Student Quiz Worksheet

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### TEACHER REQUIRED RESOURCES

- Viewing equipment
- Teacher quiz answer sheet
- Task cards with teacher notes and a list equipment needed:
  - Square bucket / container
  - Rope
  - Boundary circle e.g. centre basketball court
  - Rubber/elastic band e.g. bike tyre tube or PE elastics
  - Rope with weight on end (marked at every 10cm)
  - Tubs / containers
  - 2L milk bottles cut in half
  - Activity task cards
  - Marine quiz cards
  - Animal Memory activity cards
- Estuary Encounters Newsletter

### SESSION DESCRIPTION:

#### INTRODUCTION:

- Play the video.
- In this session we will be exploring two different water environments and talking about beach safety. There will be accompanying activities such as a quiz and tasks to complete throughout.

#### MAIN CONTENT:

- Seaweed
- Sand
- Shells
- Sponges
- Cuttlefish
- Sharks
- Estuary's
- Beach safety

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### SESSION DESCRIPTION:

#### DEBRIEF/FAREWELL:

Upon completion of the video, here are some questions you could pose to class during the activity debrief:

- How can you apply what you have learned from this activity in your life and the environment?
- What advice would you give anyone going to the beach?
- What surprised you the most?
- Looking back on the activity, what two things stand out to you the most and why?

#### POSSIBLE SAFETY CONCERNS:

- Weather
- Sun protection
- Correct footwear
- Slips, trips and falls