

# Beach Adventures & Inventions

Water Safety Watch & Learn episode: **Beach Adventures & Inventions**

Duration: 15 minutes 48 seconds

Video link: <https://youtu.be/41hbynn8Hjs>

LEVELS 5 & 6



## Key Learning

In this lesson, students will learn about dangers at the beach, what you can do if you find yourself in trouble in the water and the different items that can be used in a rescue.



## Video Summary Questions

- 1 Who is the most important person to keep safe during a rescue?
- 2 Where is the safest place to swim at the beach?
- 3 What are the features of a rip current?
- 4 How do you stay protected from the sun?
- 5 Why is it important to never swim alone?



## Activity: TV Advertisement

- In groups, students are to develop a storyboard for a television advertisement highlighting one of the key topics from the episode 'Beach Adventures & Inventions'. The storyboard must include:
  - One water safety message
  - Target audience (Adults, Children)
  - Minimum of four scenes
  - Drawings for each scene with a short description
- Once the story boards are complete, students are to create their advertisement using a digital platform i.e iMovie. The TV advertisement must include:
  - Images and videos
  - Background music
  - Voiceovers
  - Eye-catching text
- Once completed, host a 'viewing session' for students to watch each other's videos.



## Curriculum

### Health and Physical Education – Physical, Social and Community Health

*Being healthy, safe and active.*

- Plan and practise strategies to promote health, safety and wellbeing ([VCHPEP108](#))

*Contributing to healthy and active communities*

- Explore how participation in outdoor activities supports personal and community health and wellbeing and creates connections to the natural and built environment ([VCHPEP113](#))

### English – Literature

*Creating literature*

- Level 5 - Create literary texts that experiment with structures, ideas and stylistic features of selected authors ([VCELT327](#))
- Level 6 - Experiment with text structures and language features and their effects in creating literary texts ([VCELT355](#))

### Design and Technologies

*Materials and technologies specialisations*

- Investigate characteristics and properties of a range of materials, systems, components, tools and equipment and evaluate the impact of their use ([VCDSTC037](#))



## Activity: Beach Invention

- In groups, students are to design a new rescue device that can rescue someone in trouble in the water. Their device needs to meet the following criteria:
  - Able to float on water and dive underneath the water.
  - Able to be controlled by a human (lifesaver/lifeguard) standing on the shore.
  - Able to travel at high speed to quickly reach a swimmer in danger.
  - Has a piece of equipment for the swimmer to hold or be attached to when travelling back to shore/safety.
  - Able to be charged/repowered.
  - Has a unique feature (e.g. It can fly!)
- Students must then create a presentation about the rescue device they have created. The presentation must include:
  - The name of the rescue device
  - A picture of the rescue device (can be drawn)
  - The real-life size/dimensions of the device
  - What the rescue device will be made of (metal, plastic, recyclable material)
  - How the rescue device is controlled
  - Its features (top speed, equipment/attachments etc.)
  - An example of what the rescue device does to complete a rescue
- Students can use the following links to research real devices and find inspiration for their design:
  - <https://thelittleripper.com.au/>
  - <https://www.emilyrobot.com.au/#watch-the-video>