

19. Coastal processes fieldwork report

Port Campbell National Park

Aim

Students complete a fieldwork report on coastal processes at Port Campbell National Park.

Materials

- Notes from pre visit activities.
- Data collected in the field.
- Mapping pens or thin black line felt pen.
- Computer and word processing/ graphics software (if available).

Activities

Students organise their fieldwork report into the following sections:

a. Introduction

Include a location map (or a copy of your completed map from activity 1) and a brief description of where this section of coast is found.

Include on the map the location of each of the sites referred to in the report. Add their names to the key.

b. Beach and dune processes

Include the data collected at Stop 1- the sketch map, process of longshore drift and how the dunes were established and stabilised.

c. Beach and dune characteristics

Include your completed Environment Summary Sheet for this location OR a written description of this data. Add a photograph that shows the dune characteristics.

d. Cliff processes

Include the data collected at stop 3 - the labelled sketch map and the processes that formed London Bridge.

Include data collected at Stop 6, 7 and 8.

Describe how Thunder Cave, the Blowhole and Loch Ard Gorge were formed.

e. Cliff characteristics

Include data collected from Stop 4 - The Arch and Stop 9 - The Twelve Apostles to describe these two cliff features. Include a labelled sketch of both.

Include your Environment Summary Sheet from Stop 4 and Stop 6 OR complete a written description of this data. Include photographs that show the cliff face characteristics.

f. Management strategies

Include the data collected at each stop on management strategies to make a list of the facilities and structures that exist both to protect the environment and the safety of visitors.

Describe how these vary between the dune and beach areas and the cliff areas.

