

About the Activity

During this activity groups will be introduced to the coastal environment, including coastal landforms and the physical processes that have led to their formation. Groups will also be introduced to the concept of coastal management and how the coast is used by humans. Fieldwork opportunities include field sketching, longshore drift measurement or a beach profile looking at sediment and gradient of the beach.

Activity Aims

The aim of this activity is to:

- Identify the main features of a section of coast.
- Observe and identify the main processes affecting the section of coast.
- Identify the main land uses on the section of coast.
- Identify how and why coastlines may need to be managed.

Learning Outcomes

Upon completion of the activity, participants will have:

- Understanding of coastal landforms and the processes involved in their formation.
- Identified and observed the main features of a section of coast.
- Understanding of how humans use the coast and why management is needed.
- Understood the importance of a fair test and accurate data collection.
- To understand the importance of safety, risk, risk assessment, hazards and rules.
- Demonstrated the ability to listen to, understand and act on instructions received.
- Understanding of the importance of teamwork.
- Consolidated and then improved abilities such as fieldwork skills through performance.
- Contributed to a post activity review led by the instructor identifying what they did well and then suggested ways to improve.

Progression Opportunities

Some participants may also:

- Independently offer explanations for observed coastal features.
- Relate coastal observations/work to coasts elsewhere.
- Take the initiative in evaluating their performance and that of the group.
- Be able to assess risks and understand how these may be controlled.

In addition, participants should also have developed in the following:

- Interpersonal Communication
- Teamwork

Associated Vocabulary:

Words relevant to safety e.g. boundaries, hazards, risk assessment, rules.

Words relevant to equipment e.g. callipers, digital camera, ranging pole, spirit level, metre ruler, pocket pc, tape measure.

Words relevant to the activity e.g. erosion, transportation, deposition, longshore drift, cave, arch, stack, stump, sediment, wave-cut platform, waves, tides, management.

Words relevant to teamwork e.g. achievement, decision making, discussion, encouragement, instruction, listening, opinion, participation, responsibility.