



### 3.1.3 Coastal Systems and Landscapes

#### **Geomorphological processes: weathering, mass movement, erosion, transportation and deposition**

##### **1. Weathering**

Read pages 100-101

- a) Write a definition for 'weathering'
- b) Explain the process for each type of weathering
  - Freeze-thaw
  - Salt
  - Wetting and drying
  - Carbonation
  - Biological

##### **2. Mass movement**

Read pages 101-102

- a) Write a definition for 'mass movement'
- b) Use Fig 3.7 page 101. Draw and annotate each type of mass movement to show the processes
- c) Why is mass movement important?

##### **3. Marine processes – Erosion, transportation and deposition**

- a) What are the 4 types of erosion?
- b) What are the 4 types of transportation?
- c) Describe the process of deposition

##### **4. Sediment cells**

Read page 103 and summarise the information on Sediment cells

##### **5.**

- a) Activities 1-3 on page 103
- b) Build a case study following the instructions in the 'Internet research' box on page 103

Enjoy the summer, geographers – see you in September!