

The following is what you should be able to do for your exam in November.

**TOPIC 1 GEOLOGY, WEATHERING AND EROSION: You must revise fully ALL of your Topic 1 booklet.**

- Name the three families into which rocks are classified.
- Explain how rocks are formed within each of these three families.
- For basalt, granite, limestone, sandstone, marble, slate, name the family to which each rock belongs and describe the colour, use and location of each rock.



- Name the rivers, loughs and mountains of N.I.
- State the location of the main rock types in N.I.
- Define each of the following terms: weathering, mechanical weathering, chemical weathering, biological weathering.
- Explain mechanical weathering through two examples – freeze-thaw and onion skin (exfoliation).
- Explain chemical weathering through the example of rainwater reacting with limestone.
- Explain biological weathering through the action of tree roots and burrowing animals.
- Define the term erosion, including identification of the 4 agents responsible for the process.
- Explain how these agents shape the landscape by describing and explaining a feature of erosion created by rivers and the sea.
- Describe the difference between weathering and erosion.
- Describe the rock cycle.

**TOPIC 2 ORDNANCE SURVEY: Revise the first part of this topic i.e. reading scale and measuring distance.**

- Read each of the three types of scale found on OS maps.
- Use the scale on a map to measure the straight line distance between two places.
- Use the scale on a map to measure the actual distance between two places.

