

Worksheet 6: Weathering, Erosion & Mass Movement

1. What is the difference between Weathering and Erosion?

2. List two types of weathering.

3. List three things that can cause erosion.

4. **Freeze-Thaw Action** is a type of Mechanical Weathering. **With the aid of a diagram explain** what freeze-thaw action is and how it occurs. (Draw diagram below).

5. **Carbonation** is a type of Chemical Weathering. **Explain in detail** what carbonation is.

6. An area where bare limestone rock is exposed is called a _____ landscape.
An example of a _____ landscape in Ireland is the _____ in County _____. (**Fill in the missing words**).

7. A limestone pavement contains large blocks of limestone called _____ which are separated by large cracks called _____.

8. **Draw and label** a diagram of a limestone cavern. Include the following labels in your diagram. (Stalactites, Stalagmites, Pillar).

9. List **four** things that can influence mass movement.

10. List **one** type of Slow Mass Movement and 3 types of Fast Mass Movement.

Slow: _____

Fast: _____

11. List **two** pieces of evidence which tell us that Soil Creep is occurring.

12. With the aid of a diagram explain how **human activity** can cause a **landslide**.