



Year: **Three**

Subject: **Geography**

Topic: **What Is Weathering?**

1. **What I should already know:** To use basic geographical vocabulary to refer to: • key physical features, including: beach, coast, forest, hill, mountain, ocean, river, soil, valley, vegetation and weather. To understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom and of a contrasting non-European country.

2. **What I am going to learn:**

**What is Weathering?**

The Earth's surface is constantly being broken down and reshaped. It is affected by many factors, most notably the weather, which includes wind, ice, rain and snow. Humans also can affect weathering by contributing to the pollution that may cause landforms to break down, like acid rain. Over time, this weathering can make huge changes to the landscape of the Earth.

**Physical Weathering**

Water gets into cracks in the rock, it can then freeze causing the water to expand creating cracks in the rock.



**Chemical Weathering**

Slightly **acidic** rainwater can cause a chemical reaction and over time this can **dissolve** some of the rock.

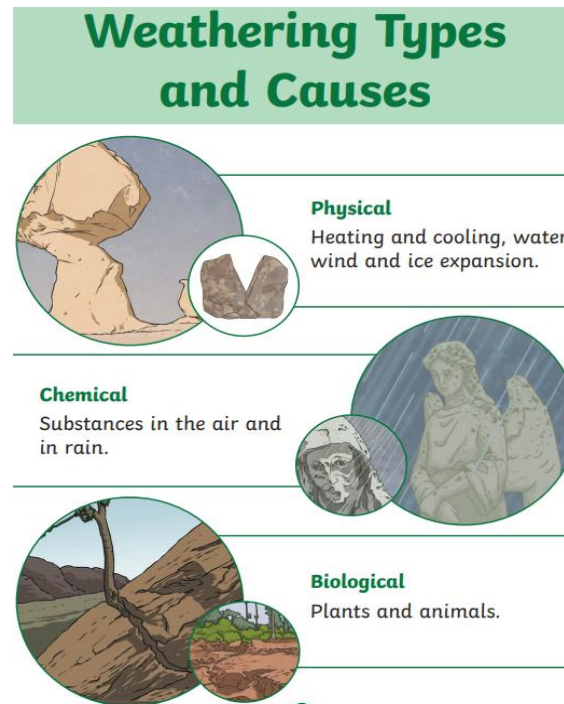


**Biological Weathering**

Caused by animals and plants. Roots can grow under rocks and cause damage, animals can wear away paths, dig holes etc.



3. **Diagram / picture / quotation:**



4. **Important vocabulary and facts:**

SPELLING	DEFINITION
acidic	A chemical substance, usually a liquid, which reacts with other substances to form salts. Some acids burn or dissolve other substances that they come into contact with.
constantly	always
contributing	adding to
dissolve	to break down (usually in a liquid)
landforms	natural features of the Earth's surface
pollution	adding something that has harmful effects
static	in one place (not moving)
temperature	the measured amount of heat in a place

5. **Resources and skills to help me learn:**

Here are some videos that you may find helpful to watch: [What is Weathering? - Bing video](#)

[Mechanical and Chemical Weathering - Bing video](#)

If it is safe to do so + with adult supervision, why not hunt for and photograph evidence of weathering in /around the locality?