



**Y7 Golden Thread:**  
How does Geography give us a sense of place?

**Which places have you studied in this unit?**

---

---

---

---

---

---

---

---

---

---



**How have you demonstrated the skill to describe?**

---

---

---

---

---

---

---

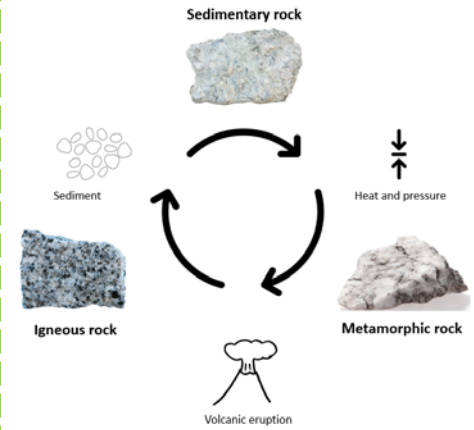
---

---

---



**KS3 Geography - Y7: Geography Rocks Knowledge Organiser**

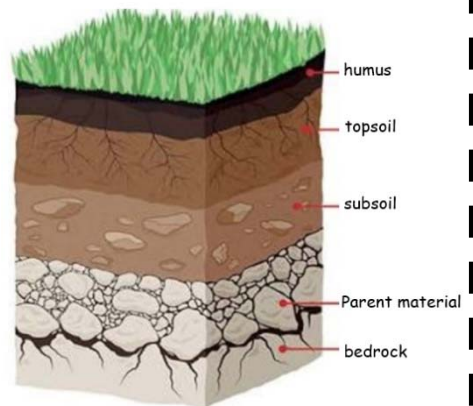


The rock cycle shows how **igneous, sedimentary and metamorphic** rocks are formed as well as how they are continuously changing from one type to another.

These changes happen due to rocks being eroded into sediment as well as rocks being put under a lot of heat and pressure.

**Soil** is the material found on the surface of the earth that is made up of a mixture of clay, sand, water and rotting vegetation. It can take up to 1000 years for just an inch of soil to form.

It is made up of several layers, and each layer is made of different things.



Here are some key words from this topic. Can you add anymore?

sedimentary (adj)	rocks made from sediment (small pieces of material)
permeable (adj)	allows liquid to pass through
weathering (n)	when rock is broken down by chemicals in the rain, people, plants or animals and stays in the same place
erosion (n)	when rock is broken down by water, wind or ice and is transported.
abrasion (n)	when pebbles grind along a rock platform, much like sandpaper. Over time the rock becomes smooth.
attrition (n)	when rocks that the water (sea or river) is carrying knock against each other. They break apart to become smaller and more rounded.

**CEIAG Link:** For this topic we can make links to a variety of professions:

- Geologist
- Palaeontologist
- Archaeologist
- Soil/Environmental Scientist
- Farmer
- Horticulturalist



**If you are interested in the above careers, don't forget you can do some research and speak to Mrs Ackroyd.**



There are four different types of erosion:

- Hydraulic action
- Abrasion
- Attrition
- Solution



There are two types of weathering:

- **Chemical weathering** which is caused by chemicals in the rain.
- **Biological weathering** which is caused by living things.