

**Year 3 Science**

# **Rocks and Soils**

I can compare and group together different kinds of rocks on the basis of their appearance

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**Grammarsaurus**

# Thinking Time!

## What do you already know about rocks?

On your pre-assessment sheet, write down everything you already know about rocks on the mind map.

**You could think about;**

- Types of rocks
- What rocks are used for
- How rocks were made



# Rocks

If you dig down anywhere on Earth you will find rock.

Rocks can be hard, soft, permeable or impermeable, depending on what type of rock it is.

Slate, marble, chalk and granite are all different types of rock and all have different uses.

## **\*New Word Alert\***

**Permeable** - allows liquids or gases to pass through

**Impermeable** - Can you predict what this means?



The Earth's crust is made of rock. We can find rocks over every part of the Earth's surface, although many are covered by water or soil. Rocks are solid and made from different combinations of minerals.

We use rocks in lots of different ways. They are useful building materials, and are often used in the construction of roads and buildings. We mine rocks to obtain minerals such as diamonds, as well as metals such as copper, iron and platinum. Some of you might have even mined for your own rocks on Minecraft!



**\*New Word Alert\***

**Mine** – dig or burrow in

**\*Thinking Time\***

**Can you think of a type of rock and what we use it for?**