

# Science - Rocks

## Key Vocabulary



Magma is the name for molten rock which is stored in the Earth's crust.

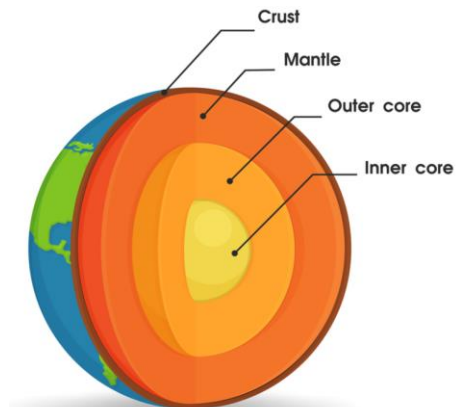
| Term        | Definition                                                                                                    |
|-------------|---------------------------------------------------------------------------------------------------------------|
| Rock        | Solid mineral forming part of the surface of Earth                                                            |
| Igneous     | Type of rock formed by the cooling and hardening of magma or lava.                                            |
| Sedimentary | Type of rock formed by deposits of sediment over a long period of time.                                       |
| Metamorphic | Type of rock formed when other rocks are affected by high temperatures or pressures within the Earth's crust. |
| Permeable   | Pores or openings which allow moisture through.                                                               |
| Soil        | Loose upper layer of the Earth's surface where plants grow.                                                   |



This is a picture of a fossil. Where can you find fossils in your local area?

Fossils are found in one of the three different types of rock. Which is it?

Molten rock which has left the Earth's crust (for example, through a volcano) is known as lava.



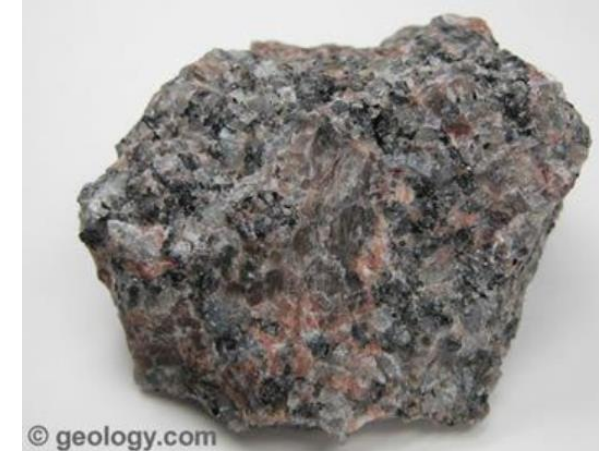


This is an example of sedimentary rock. What do you notice about it?



This is an example of metamorphic rock. What do you notice about it?

This is an example of igneous rock. What do you notice about it?



**Are there any similarities between the three types of rock?**

**Soil** is used for growing plants but what is it made of?

It is a mixture of rock particles and rotted plant and animal remains.



Take a look around your home and garden. Can you find any rocks?



What do the rocks look like? Are they all the same? What is different about them?

Compare the rocks you find to the pictures above. What types of rock do you think you've found?