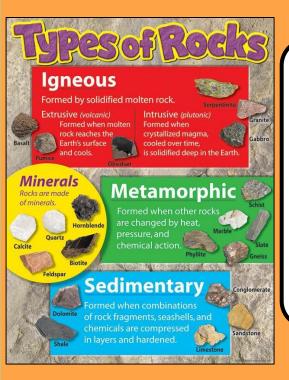


ROCK N ROLL - ROCKS AND FOSSILS

YEAR 3



LINKS IN THE CURRICULUM:

Year 1 - materials Year 2 - materials Year 4 - matters of state

Year 5 - materials and change

Rock forming part of the surface of the earth. The upper layer of work in Soil which plants grow. A hard, solid mineral matter of Stone which rock is made, especially as a building material. A small stone made smooth and Pebble round by action of water or sand. A solid, naturally occurring Mineral substance. Liquids or gases can pass Permeable through something. Non-Liquids or gases cannot pass permeable through something. The gradual destruction by **Erosion** wind, water or other natural elements. Wear away or change the appearance or texture of Weathering something. Organic Materials that come from a matter recently living organism. The remains or impression of a Fossil plant or animal in rock. The feel, appearance or Texture consistency of a surface. The solid rock found under the Bedrock soil Soil lying underneath the

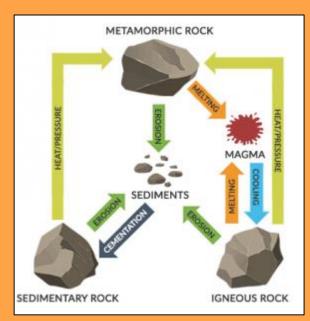
surface soil.

KEY VOCABULARY

A solid mineral material

Key Facts:

- Layers of sediments are pressed hard and stick together to form sedimentary rock. You can see the layers within the rock.
- Igneous rocks are formed by magma or lava which then cools down.
- Metamorphic rock is when either sedimentary or igneous rock changes due to extreme heat or pressure.
- Igneous and Metamorphic rocks have more similar characteristics than Sedimentary rock.
- Fossils are formed when an animal or plant dies and is layered with sediments. Over years, sedimentary rock compresses over it while the organism decays leaving a hole or mould left in the rock.
- Soil is formed from eroded rock mixing with air, water and animal or plant particles.
- There are different layers underneath our feet!



Working Scientifically

Observing rocks and exploring how and why they changed over time.

Subsoil

- Using a hand lens to help identify and classify rocks according to whether they have grains, crystals, and whether they have fossils in them.
- Research and discuss different kind of living things that are found in sedimentary rock and explore how fossils form
- Explore different soils and identify similarities and differences.
- Investigate hardness and permeability of rocks.
- Raising and answering questions about the way soils are formed.