

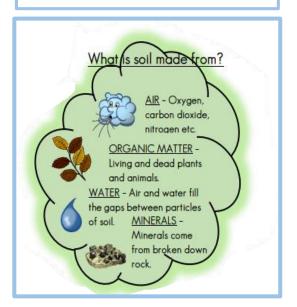
St Bernadette's Catholic Primary School Beech Class

Science Summer 2: Rocks and Soil

Gospel Value -Courage

What I should already know...

- Know what material an object is made from
- Name a variety of materials(wood, plastic, glass, metal, water, rock)
- Describe different materials
- Compare and group different and similar materials
- Say how suitable a material would be for a particular use



Key Knowledge

- Different rocks have different properties
- Rocks can be hard or soft
- Rocks can be different shapes and sizes (stones, pebbles, boulders, grains)
- Soils are made up of pieces of ground down rock and may be mixed with plant and animal matter
- Soil type is affected by type of rock, size of rock pieces and amount of organic matter
- Some rocks contain fossils which were formed millions of years ago



Key Vocabulary

Rock - Naturally occurring solid material

Stone - Material formed from minerals and the earth

Pebble - Small rounded stone

Boulder – Very large rounded piece of rock

Grain – Very small piece of material

Crystals - Material that is symmetrical, bright and clear

Layers – Material that sits on top of another or below

Hard – Resists change in pressure

Soft – Easy to change by pressure

Texture – How material feels when touched

Absorb water - Materials that take in water

Soil – Loose surface material that covers most land

Fossil – Preserved remains of ancient organisms

Marble – Hard limestone rock that has lines running through it

Chalk - Soft, grey white limestone

Granite – Coarse-grained, light coloured hard rock

Slate - A constructed material

Peat – Compact brownish deposit made from vegetation

and saturated with water

Sandy Soil - Soil with a high quantity of sand

Chalk Soil – Soil with a high content of chalk

Clay soil – Soil with a high content of clay