

Prior Learning

Distinguish between an object and the material from which it is made. (Y1 - Everyday materials)

Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. (Y1 - Everyday materials)

Describe the simple physical properties of a variety of everyday materials. (Y1 - Everyday materials)

(Y1 - Everyday materials)

Compare and group together a variety of everyday materials on the basis of their simple physical properties. (Y1 - Everyday materials)

Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. (Y2 - Uses of everyday materials)

Key vocabulary

- hardness** – a measure of a rock's resistance to scratching



- float** – to sit on top of water



- sink** – to fall below the surface of water



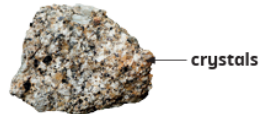
- brittle** – easily broken



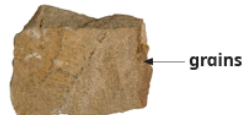
- reaction** – a change, which can be seen with a temperature change, bubbles or a colour change

Key vocabulary

- crystals**



- grains**



- layers**



- texture** – what something looks and feels like



ROCKS

Autumn Term

Year 3

Working scientifically – Asking relevant questions and using different types of scientific enquiries to answer them.

Working scientifically – Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.

Food waste is food that is safe to eat but is thrown away instead. • A lot of food waste and food remains end up in landfill sites, where they rot and have negative impacts on the planet.

Food waste is food that is thrown away, even when it is safe to eat. • There are different ways that food waste can be reduced

Key vocabulary

- crystals**



- grains**



- layers**



- texture** – what something looks and feels like



- weathering** – the breaking down of rocks over time



Future learning

Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. (Y6 - Evolution and inheritance)

The composition of the Earth. (KS3)

The structure of the Earth. (KS3)

The rock cycle and the formation of igneous, sedimentary and metamorphic rocks. (KS3)

Key vocabulary

- granite** – a hard rock with easy to see crystals



- pumice** – a light rock with small holes



- sandstone** – a pale-coloured rock with grains



- chalk** – a soft white rock



- marble** – a white rock with crystals

