

Pearl Hyde Primary – Science Chemistry - Routeway Cvcle A Cycle B



Properties and change in materials

Hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets

States of Matter

Water cycle

Solids, liquids or gases

Changing state with heat

Changing state with cooling Evaporation and condensation

Dissolving

Filtering, sieving and evaporating

Uses of everyday materials

Reversible changes

Irreversible changes

How chemists create new materials



Compare and group together different kinds of rocks Fossils

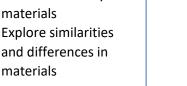
Soils are made from rocks and organic matter



LKS2

Understand the world

Observe a variety of materials **Explore similarities** and differences in





Everyday materials

Distinguish between an object and the material from which it is made Identify and name a variety of everyday materials Describe the simple physical properties of a variety of everyday materials Compare and group together a variety of everyday materials Identify and compare the suitability of a variety of everyday materials Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching Materials are used for more than one thing



