



Chemistry - Rocks progression of substantive knowledge

Statements in red are from linked science units.

Year	Core Knowledge
EYFS	Explore the natural world around them. (EYFS - Living things and their habitats)
	Describe what they see, hear and feel whilst outside. (EYFS - Living things and their habitats)
KS1 Cycle A	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)
	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)
KS1 Cycle B	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)
	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)
Year 3	Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.
	Describe in simple terms how fossils are formed when things that have lived are trapped within rock.
	Recognise that soils are made from rocks and organic matter.
Year 6	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)