

Science - Materials - Rocks Year 3 Autumn 1





metamorphic

rock

palaeontology



Timeline of Mary Anning's life

Born 21st May 1799 in Lyme Regis, Dorset

1811 - discovered the skeleton of a dinosaur



1828 - discovered the first Pterodactylus



1823 - discovered the first Plesiosaurus skeleton



1847 - Mary Anning died aged 47



Metamorphic Rocks

Gneiss Slate Quartzite

Schist Marble Phyllite

Sedimentary Rocks

			1
Andesite	Basalt	Diorite	Gabbro
			-
Granite	Obsidian	Pegmatite	Peridotite
	8	400	
Pumice	Rhyolite	Scoria	Tuff

Vocabulary and meanings

fossils

The remains or impression of a prehistoric plant or animal embedded in rock and preserved in petrified form

sedimentary rock Rock that has formed through the deposit and hardening of sediment

Rock that has changed over time under the influence of heat, pressure, or some other agent without passing through a liquid phase.

igneous rock

Rocks formed by the cooling and solidifying of molten materials

The study of fossils as a guide to the history of life on Earth

anthropic Involving or concerning the existence of humans

permeable

A material allowing liquids or gases to pass through.

impermeable

A material that does not allow gases or liquids to pass through.