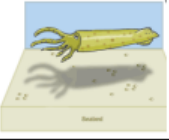
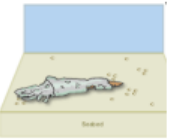
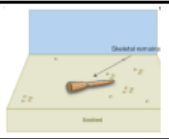
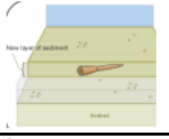
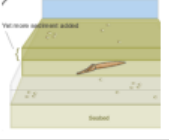
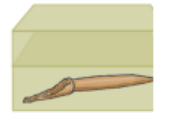








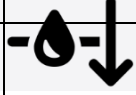
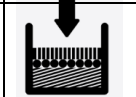
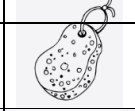




Fossils & Rocks: Year 3 Knowledge Organiser

Key people

Mary Anning (1799 –1847) was an English fossil collector, dealer, and palaeontologist who became known around the world for important finds she made in Jurassic marine fossil beds in the cliffs along the English Channel at Lyme Regis in the county of Dorset in Southwest England.



	How Fossils are Formed A living animal swimming in the sea.
	The animal dies and its body sinks to the sea floor. Other animals and bacteria feast upon its body.
	Only the bones of the animal are left behind.
	Mud and other minerals wash over the skeleton and build up a layer over the bones.
	Over hundreds, thousands and millions of years more and more layers of sediment build up burying the skeleton deeper. The layers eventually form sedimentary rocks.
	The minerals from the skeleton are left behind in the rocks showing a 'print' of the living animal.

VOCABULARY			VOCABULARY		
density		How bulky a rock is or how tightly	minerals		A naturally occurring
VOCABULARY			VOCABULARY		
albatross		Large bird with long narrow wings	fissures		Narrow opening or crack of considerable length
durable		Resistant to wearing or breaking.	porous		Capable of absorbing liquids
fossils		A trace or the remains of a plant or animal of a past age preserved in it.	palaeontology		The study of fossils.
anguish		Great mental or physical pain			
authority		A power or right to give orders.	permeable		Allows liquids to pass through it.
igneous		Rock that has been formed from magma or lava	sediment		The material from a liquid that settles to the bottom
bewildered		Great confusion - very puzzled	sedimentary		Rock that has been formed by layers of sediment being pressed down hard and sticking together.
impermeable		Does not allow liquids to pass through it			
blighted		To destroy			
collided		Forceful impact			
magma		Molten rock that remains underground.			
composure		Ability to stay calm			
metamorphic		Rock that started out as igneous or sedimentary rock but changed due to being exposed to extreme heat or pressure			
crescendo		Loudest point reached			
cascaded		To go downwards rapidly			
dinghy		A small inflatable boat			
distraught		Someone who is very troubled,			