

Fantastic Fossils

FACT FILE

Fossils are preserved remains of a _____ or _____ that lived millions of years ago made in _____ rock.

Types of fossil:

Body Fossils			Trace Fossils		
Mould or Cast	Replacement	Whole Body	Footprints	Trackways	Coprolites (poo!)

How are fossils made?

Step 1: An animal dies. It gets covered with sediments which eventually become rock.	Step 2: More layers of rock cover it. Only hard parts of the creature remain, e.g. bones, shells and teeth.	Step 3: Over thousands of years, sediment might enter the mould to make a cast fossil. Bones may change to mineral but will stay the same shape.	Step 4: Changes in sea level take place over a long period.	Step 5: As erosion and weathering take place, eventually the fossil becomes exposed.

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FACT FILE

Fossils are preserved remains of a _____ or _____ that lived millions of years ago made in _____ rock.

Types of fossil:

Body Fossils Body fossils are the remains of an animal or plant such as bones, shells or leaves.			Trace Fossils These are fossils that record the activity of an animal including:		
Mould or Cast	Replacement	Whole Body	Footprints	Trackways	Coprolites (poo!)

How are fossils made?

Step 1: An animal or plant _____. It gets covered with sediments which eventually become _____.	Step 2: More layers of rock cover it. Only hard parts of the creature remain, e.g. b_____, s_____ and t_____.	Step 3: Over _____ of years, sediment might enter the mould to make a cast fossil. Bones may change to mineral but will stay the same shape.	Step 4: Changes in sea level take place over a long period.	Step 5: As erosion and weathering take place, eventually the fossil becomes exposed.

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FACT FILE

A fossil is _____

Types of fossil:

Body Fossils			Trace Fossils		

How are fossils made?

Step 1: _____ _____ _____ _____	Step 2: _____ _____ _____ _____	Step 3: _____ _____ _____ _____	Step 4: _____ _____ _____ _____	Step 5: _____ _____ _____ _____

