



Under lots of pressure, the new minerals harden into rock.



The skeleton is covered with sand, earth, rock or seabed before the bones can disappear.



The earth is eroded away by the weather or the sea. The rock fossil is exposed and discovered.



An animal dies. Some parts of the body decay and, usually, only the skeleton is left.



Over a very long time, the bones break down and leave a space in the earth, like an empty mould.



Minerals slowly fill the space in layers, in the exact shape of the bones.

