

The Fossilisation Process

Look carefully at the pictures below. Use them to help you order the fossilisation process. You can either cut and stick the statements on page 2, or if you do not want to print this sheet, you can simply write out the statements in the correct order.

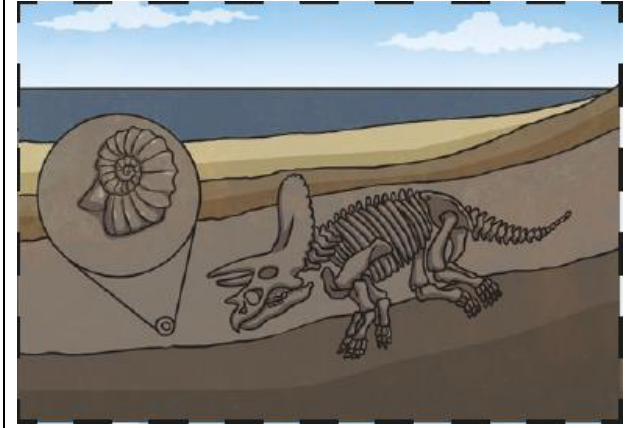
1.



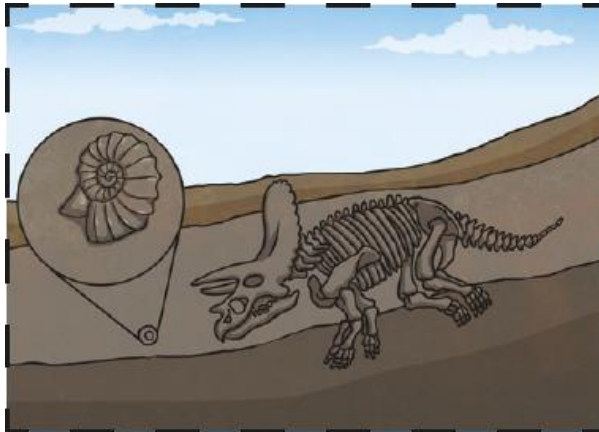
2.



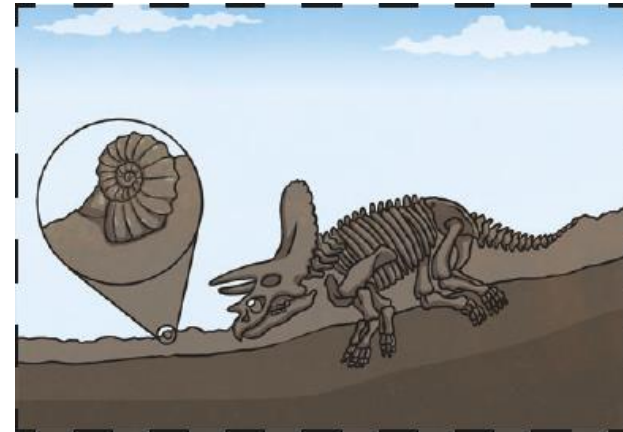
3.



4.



5.



As erosion and weathering takes place, eventually the fossils become exposed.

Over a long period of time, the sea will recede (draw back) in certain places.

Over time, more layers of rock cover it and by this time the only thing to remain of the animal would be its bones, teeth, and shell (except in the case of mould fossils where these would also decay).

An animal or creature dies and ends up in the sea. It gets covered by a layer of rock.

Over thousands of years the mould fossil might fill up with sediment and turn to rock. Or in the case of replacement fossils the bones change into mineral rocks.