

Fantastic Fossils

Links to animations:

<http://www.planet-science.com/categories/under-11s/our-world/2011/10/what-makes-fossils.aspx>

<http://www.oum.ox.ac.uk/thezone/fossils/intro/form.htm>

Activity

1. Cut the statements out and stick them in the correct order in the boxes.
2. Draw pictures to illustrate how fossils are formed.

The 6 sections of text below explain the stages of how a fossil is made, but they have been written in the wrong order. Cut them out carefully and stick them on your task sheet in the right order. Illustrate each stage with a drawing in the box above.

| | | |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| More and more layers of sediment build up and over millions of years the sediment turns into rock. | Gradually the skeleton becomes buried in the sediment. | A creature dies and its body sinks to the bottom of the sea. |
| The flesh of the creature is eaten by other animals and just the skeleton is left behind. | Water trickles through the rock and the skeleton is washed away leaving a mould (an empty space the same shape as the skeleton). | Minerals from the water collect in the mould to form rock (a fossil) that fills the space. After millions of years the rock rises to the surface and might one day be found by fossil collectors |

| | | |
|-----------------|-----------------|-----------------|
| 1. | 2. | 3. |
| Stick text here | Stick text here | Stick text here |
| 4. | 5. | 6. |
| Stick text here | Stick text here | Stick text here |