

Vocabulary

Here is some vocabulary that you will hear today.

Some words you will have already heard and some will be new.

Do you have any idea what they might mean?

sedimentary rock

fossils

minerals

skeleton

pressure

sediment

Let's retell the Mary Anning story that Carmel read you and remind ourselves what happened.

When we perform it for the second time, we are going to add in some extra information and technical vocabulary about fossils.



Mary Anning (1799-1847); letter with dinosaur Wellcome



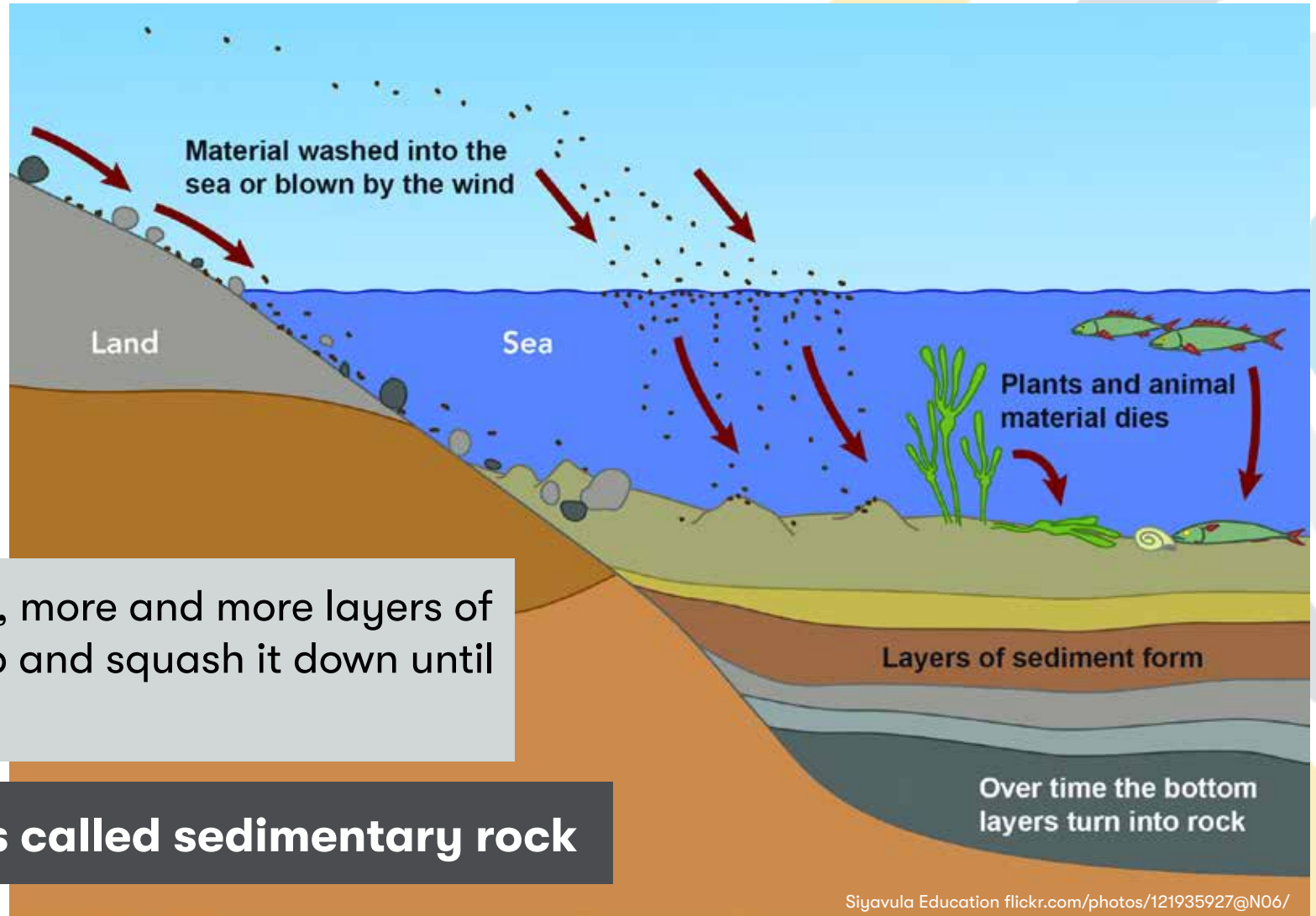
Over time, more sand (**sediment**) fell on the sea bed, and more and more.

And so it carried on for years, or ages, and on and on, and the layers of sand (**sediment**) got heavier and heavier and heavier. Everything got squashed down by the weight of the sand (**sediment**) on top of it. When sand gets squashed down, it turns into **sedimentary rock** and anything in the sand (**sediment**) also gets turned into **sedimentary rock**.



Sedimentary Rock

Another type of rock is made when tiny bits of rock and soil, as well as the bodies of dead creatures, settle at the bottom of the sea to form a layer of sediment.



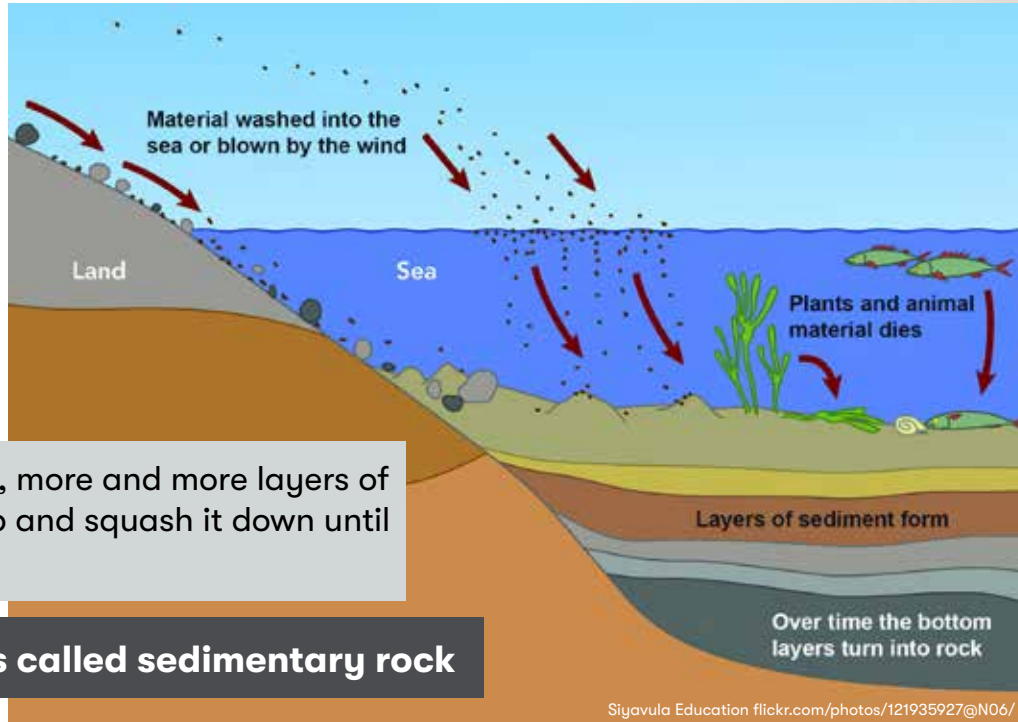
Over millions of years, more and more layers of sediment settle on top and squash it down until it turns into rock.

This type of rock is called sedimentary rock

Siyavula Education flickr.com/photos/121935927@N06/

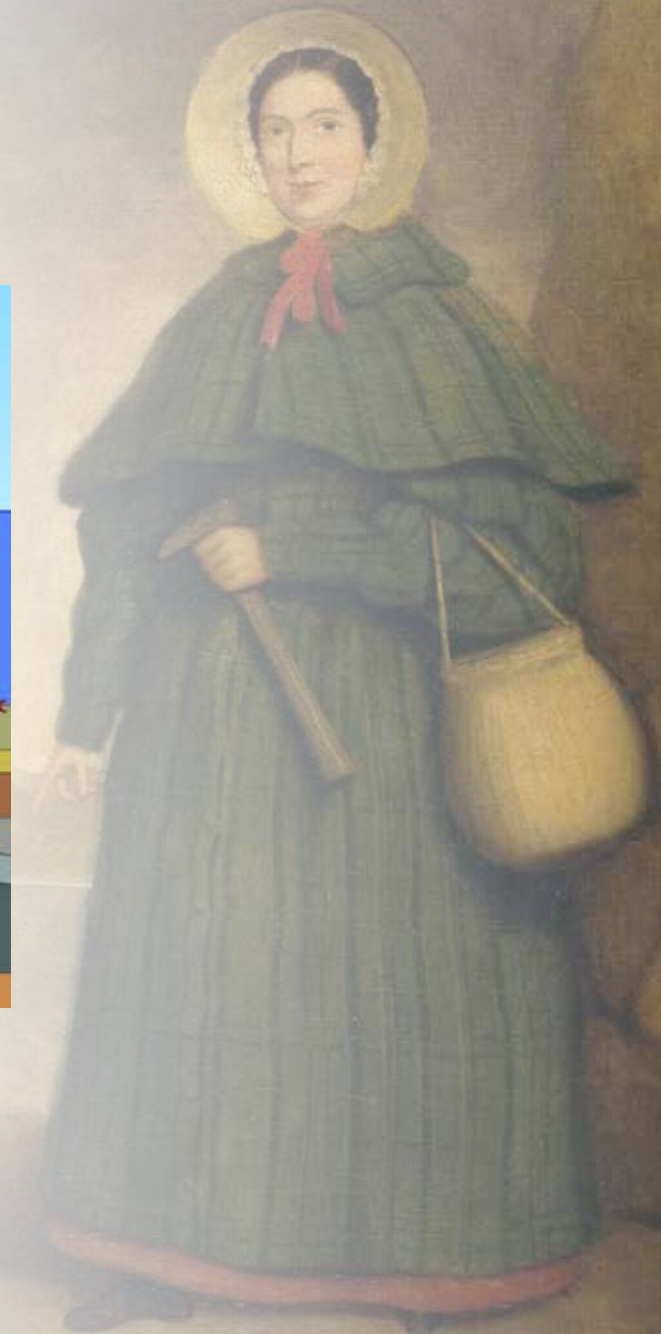
Can you spend some time retelling the story with other people, linking together the technical vocabulary, the diagram we have looked at and the Mary Anning story?

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Mini-Quiz Fossils

1. The preserved remains or trace of a dead animal or plant from long ago is called _____.

extinction

a fossil

an organism

2. Fossils provide _____ for how living things and the environment have changed over time

evidence

food

dinosaurs

3. What part of an animal is made into a fossil?

the flesh

the skeleton

the skin

4. The hard parts of the animal become buried by small particles of rock called sediment. This is why fossils are found in _____ rock.

igneous

metamorphic

sedimentary

5. Which of the following can NOT be turned into a fossil?

plants & animals

footprints, eggs
& poo

plates & pots



sheffield
curriculum adventures

Sheffield Curriculum Adventures Component 1: Fossil formation & Mary Anning