

Weathering

The breaking down of rocks and minerals by physical, chemical, or biological processes



Erosion

The movement of soil or sediment from one location to another by water, ice, or wind



In our Science unit this term, we have been learning about weathering and erosion. Two naturally occurring processes, that over time change our Earth's landscape.

As part of the unit, we have been doing weathering experiments in the classroom, and gone for walks around our school looking for evidence of erosion. During our walks, we also investigated the effects of pouring water on to various surfaces, such as dirt, sand and soil.

Observing the effects of weathering and erosion.



Hmmmm...What's happening to the dirt when we pour water over it?



Rocks around a garden bed?! Are they placed there to make it look pretty, or maybe to try and prevent erosion.



What preventative measure can we put in place here to stop students from eroding the garden?



Quiz:

1. What does weathering and erosion do over time?
2. What are three types of weathering?
3. What process breaks down rock where it stands?
4. What process is the removal of rocks?

1. Change our Earth's landscape
2. Physical, chemical and biological weathering
3. Weathering
4. Erosion

Answers: