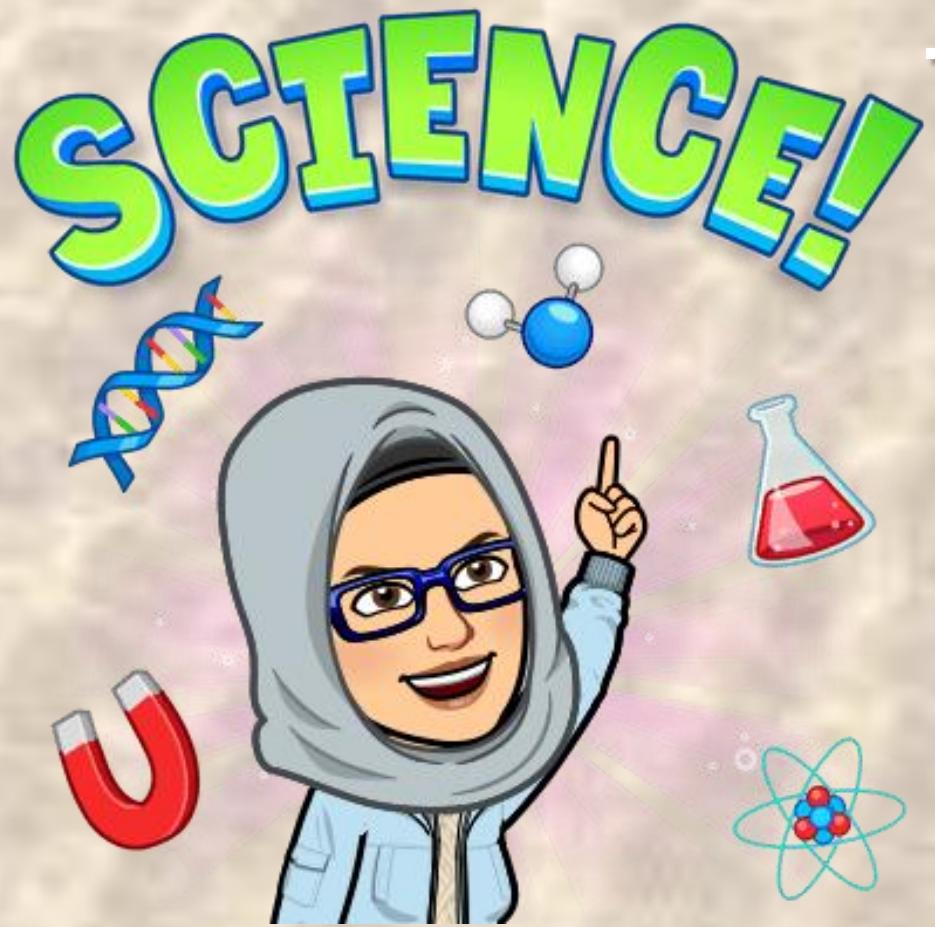


Grade 2 Science



Week 8
Lesson 1
**Landscape Changes –
Weathering and Erosion**

HELLO
GRADE 2



We will learn about landscape changes.



Attendance:

Say 'yes' when
your name is
called...

We will learn about landscape changes.



We will learn about landscape changes.

Days of the week

Sunday

Monday

Tuesday

Wednesday

Thursday

17

OCTOBER



We will learn about landscape changes.



stay
healthy
helpful
& calm



wash
your
hands!



KEEP YOUR
DISTANCE

AIR HUGS!



DON'T TOUCH



YOUR FACE!



WEAR YOUR



MASK

We will learn about landscape changes.

Classroom Rules:



Keep your microphone on mute



قفل المايكروفون

Camera open



Unmute your microphone when you are called



Listen, share and Be Kind



Be in a quiet area



Be on time to class



© Can Stock Photo

We will learn about landscape changes.

Learning at my desk with a mask

Eyes are looking!

Mask is over **nose** and mouth.

Hands are using my supplies.

Brain is thinking!

Ears are listening!

Feet are on floor.

Body stays at my desk.

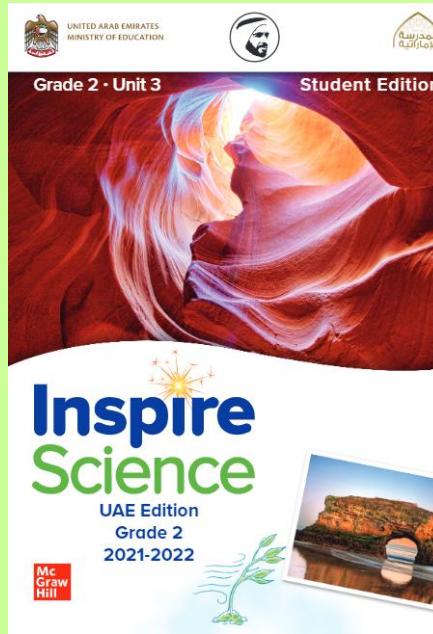


My Little Pandas

KNOW THE RULES



- We will learn about landscape changes.



What will
you need?

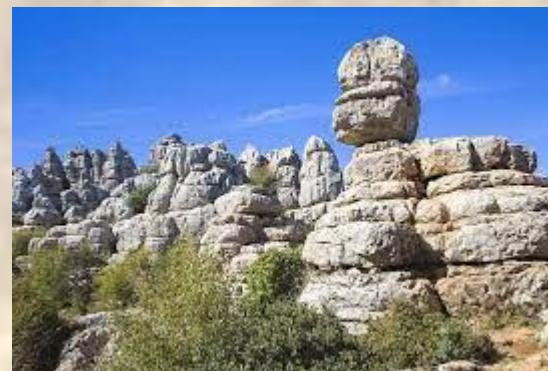
What are we learning today?

- We are learning about landscape changes.
- We are learning about slow changes to the Earths landforms.



Weathering

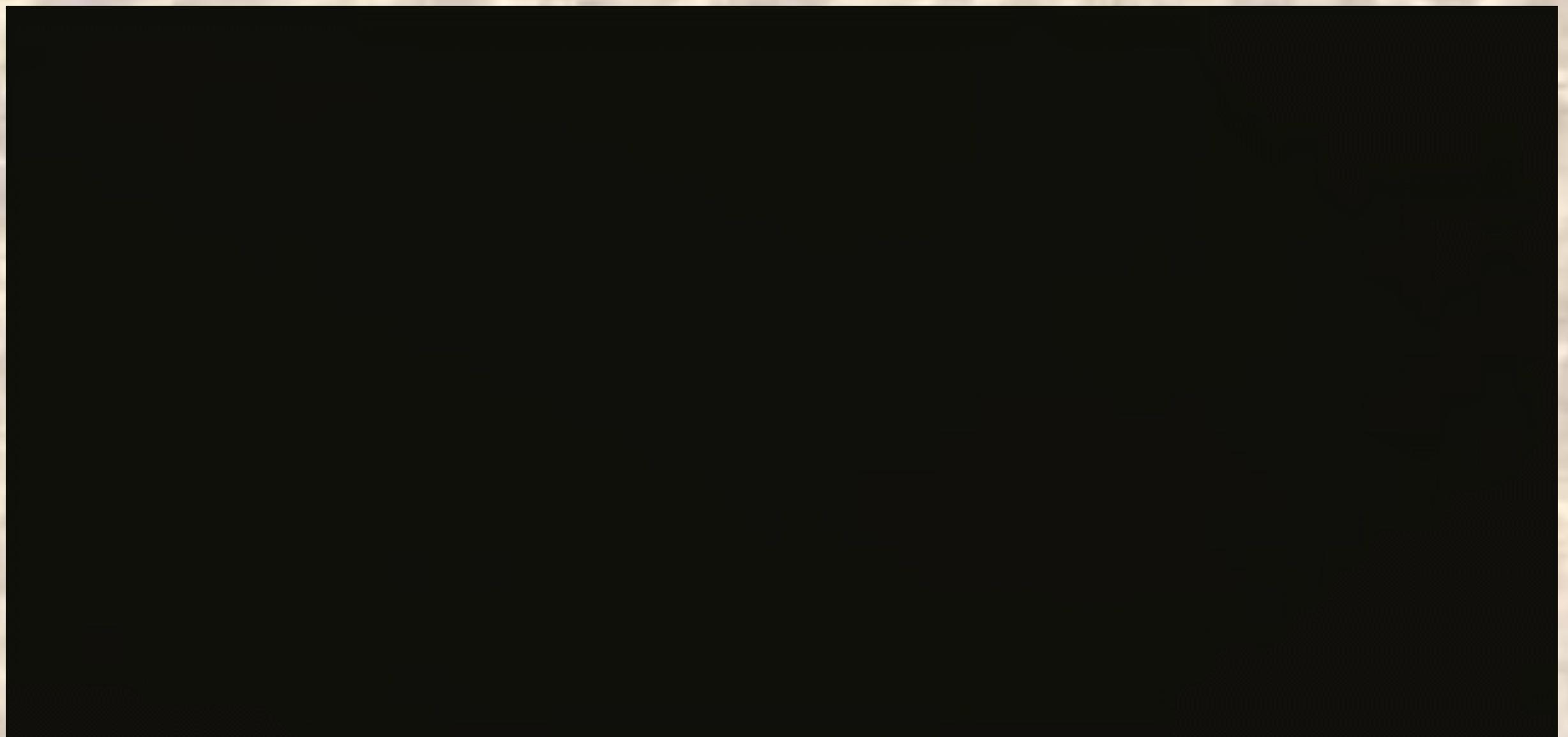
**Breaking down of rocks
into smaller pieces.**



Erosion

**When wind or water carries
rocks and soil to a new place**





VOCABULARY

Look for
these words
as you read:

erosion

weathering

Weathering

You saw water and pebbles break down chalk into smaller pieces. The breaking down of rocks into smaller pieces is called **weathering**.

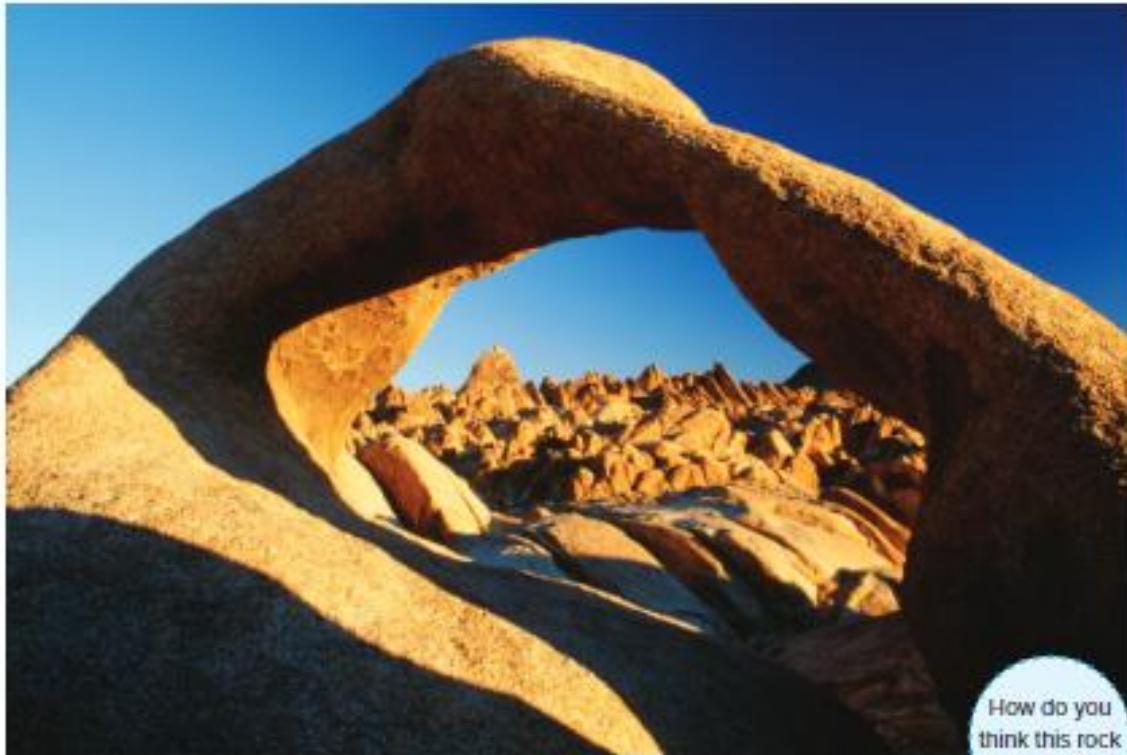
Water and wind can break down rocks into small rocks. Small rocks can break down into even smaller pieces. Weathering changes the shape and size of rocks.

1. How did weathering change the rock below?

Strong winds broke off bits of sand overtime.



Eagle Rock



desert. The shapes of the rocks change slowly over time.



2. Think about the *Changing Rocks* activity.

How did the activity show weathering?

The water and chalk broke the chalk into smaller pieces.

What happened to your sand mountain when you blew on it? Erosion! **Erosion** happens when wind or water carries rocks and soil to a new place.

Water is carrying soil away from your sand mountain. The water is brown because it is carrying soil.

1. Look at the photo. How can you tell erosion is happening? Circle the evidence that tells you. Explain how you know.

The water is brown and flowing. It carries soil away from the land.





GO ONLINE Watch the video *Earth Changes Slowly to* learn more about how change affects Earth's landscape.

From the air, the land looks like a patchwork quilt. A glacier moves across the land. A glacier is a thick sheet of ice. When a bit of the ice melts, it carries pieces of rock. This kind of erosion happens over time.



A fast-flowing river can also cause erosion. The river carries away bits of rock over time.

GO ONLINE

2. Look at the photo of the river above. How is this erosion different from the erosion shown on page 18?

It took many years for the river to carry away bits of land. The erosion on page 18 happened quickly.





LESSON 1

Review

EXPLAIN
THE PHENOMENON

How did this rock
get its shape?

Summarize It

Explain what has happened to this rock. Why is it shaped this way?

**Weathering and erosion
caused this change. The
water carried away pieces
of sand and rock.**

Weathering & Erosion

The process of **breaking** large rocks into smaller rocks over time.

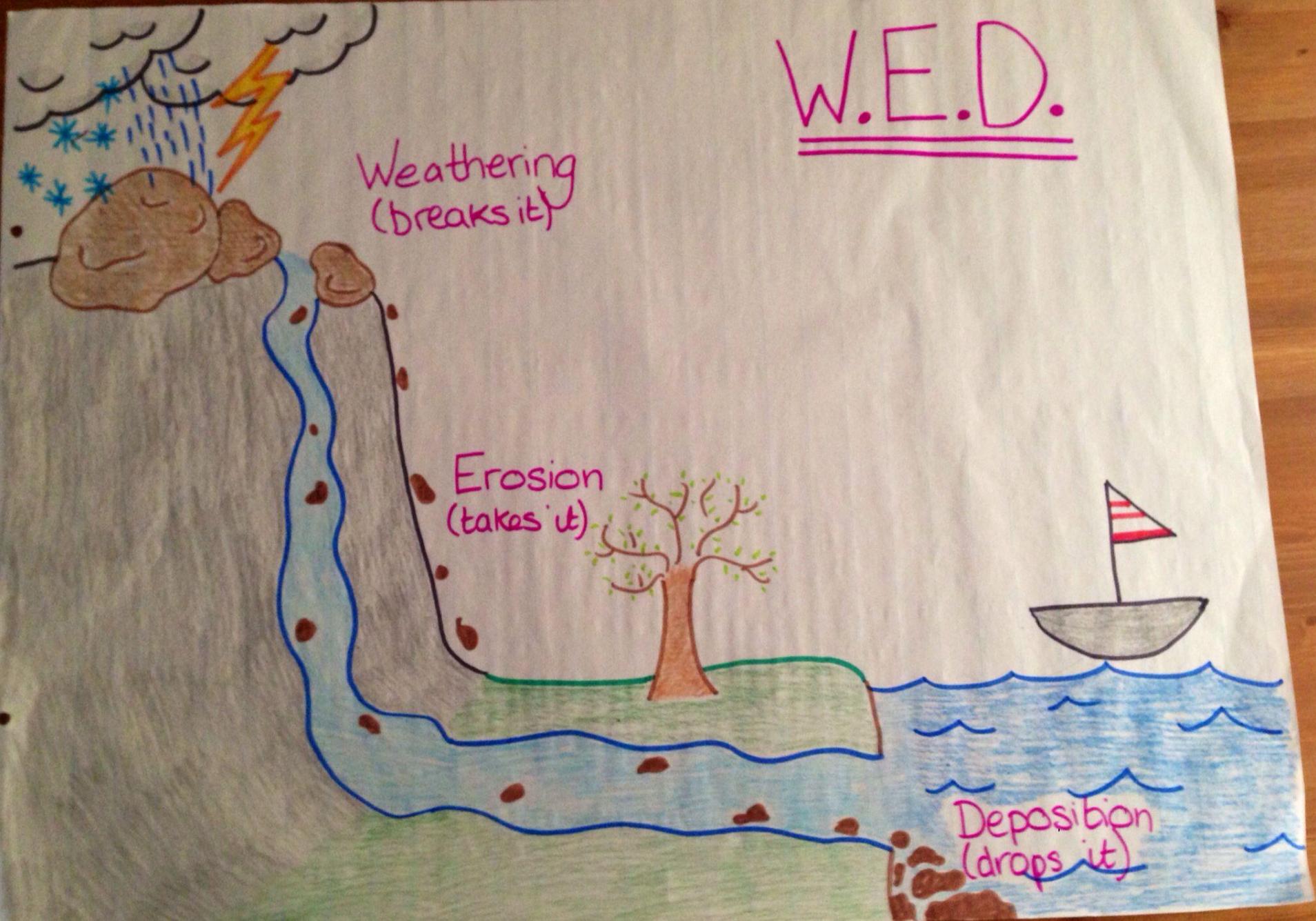
Both

- Wind
- Ice
- Gravity
- water

The **movement** of weathered rock and soil from one place to another



W.E.D.



Have a
wonderful day!

See you soon!

