

May 1

Weathering and Erosion

I think weathering is....

How weather affects minerals

Weather that breaks down rocks and minerals

Weathering means

- **Rock that has been exposed to weather**
 - **Evidence in the different colours of the rock**
 - **Weather (wind, ice, rain, waves, snow, lightning, etc...) that changes large rock into smaller pieces. The smaller pieces are called sediment.**
 - **Sediment is simply different sizes of rock pieces**
- **2 kinds of weathering**
 - **Chemical - Caused by a chemical reaction mostly with water**
 - **Mechanical - caused by force of weather on the rock**

I think Erosion is...

The weather and it breaks down a rock and a mineral

Weather and time that slowly breaks down rocks and minerals

When there is a flood and the stream is causes leaves an indent

Erosion

- **The movement of sediment (like sand) from one area to another.**
- **Water - Waves, flooding, and moving tide water**
- **Wind**
- **Ice (glaciers or moving ice in water)**

Deposition

- **Areas like sand dunes where large amounts of sediment are deposited.**

Review Questions

- 1. What is weathering?**
- 2. How is weathering different from erosion?**
- 3. Why does weathering take so much time?**
- 4. What are some of the agents of erosion?**