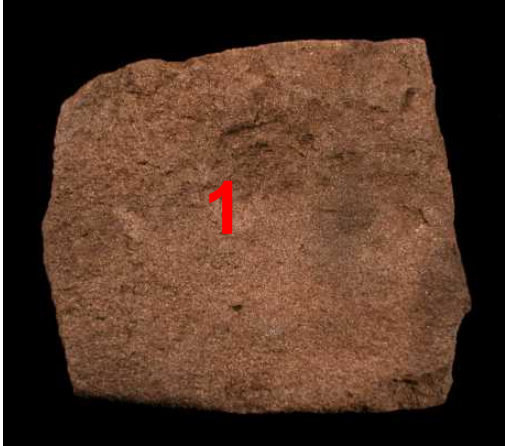


Name the rocks...?



- 1 - sandstone
- 2 - conglomerate
- 3 - slate
- 4 - limestone
- 5 - conglomerate
- 6 - chalk
- 7 - marble

- 8 - basalt
- 9 - granite



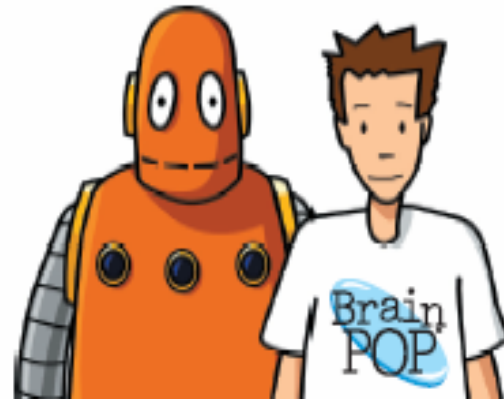
Physical weathering

Entry activity

- Write into your book the following question.

What is physical weathering?

- Listen to TIM and MOBY and pay attention to know the answer.



Physical weathering

- **Physical weathering** is a form of weathering responsible for the mechanical breakdown of rocks but involving no chemical change.
- **Processes involved include:**
 - **Freeze thaw-** the alternate freezing and melting of ice in rock cracks or pores.
 - **Exfoliation-** the alternate expansion and contraction of rocks in response to extreme changes in temperature.

Physical Weathering

- Physical weathering is caused by

- Lighting

- Wind

- Expansion

- Contraction

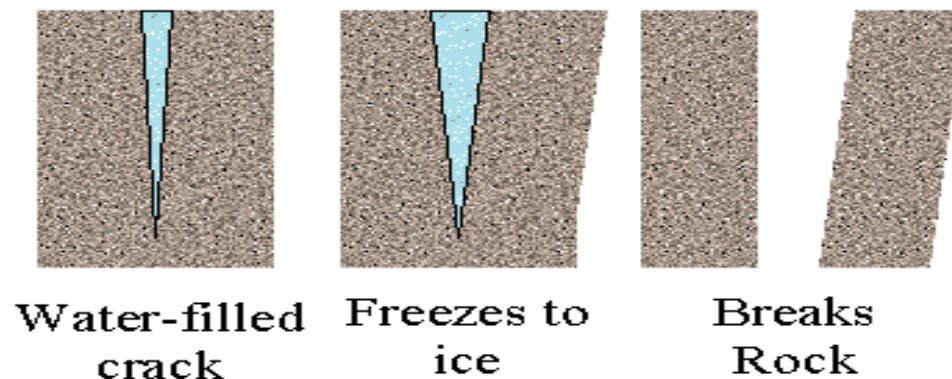
- Freezing of water- also called freeze thaw



Physical weathering

- Physical weathering is one of the processes involved in the **rock cycle**, the formation, change, and re-formation of the Earth's outer layers.

Frost Wedging



Experiment

- **Title:** Physical weathering investigation
- **Aim:** is to investigate Physical weathering
- **Method:** heating a rock using a Bunsen burner and then cooling with water.

Conclusion

- From this experiment I found that when heating and cooling the...

