

# Entry activity

- Complete worksheet in **Silence**
- **Read** the worksheet
- **Underline key words**
- Answer the questions



# Physical weathering

# 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

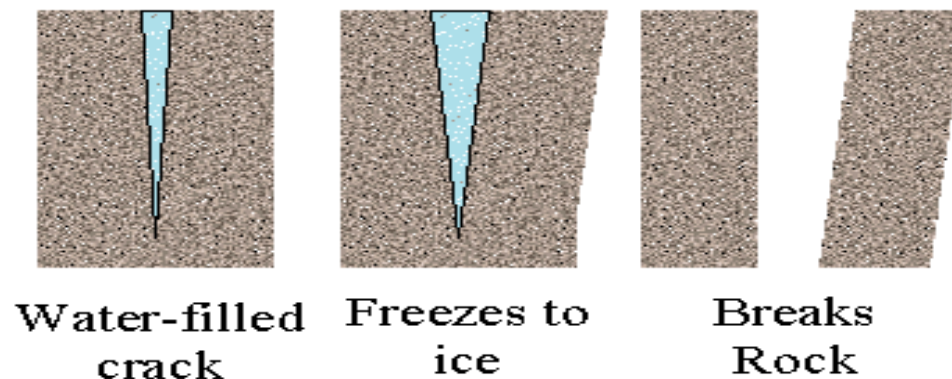
- Freezing of water- also called freeze thaw



# 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...

