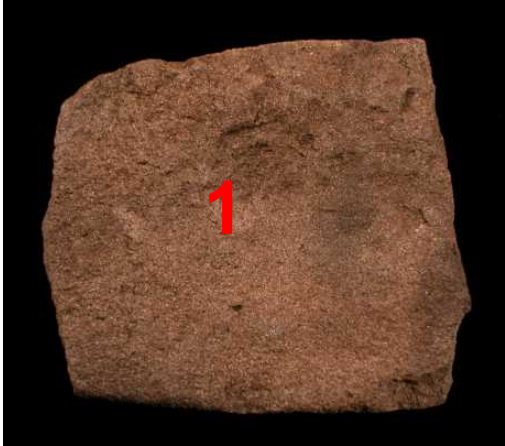


# Name the rocks...?

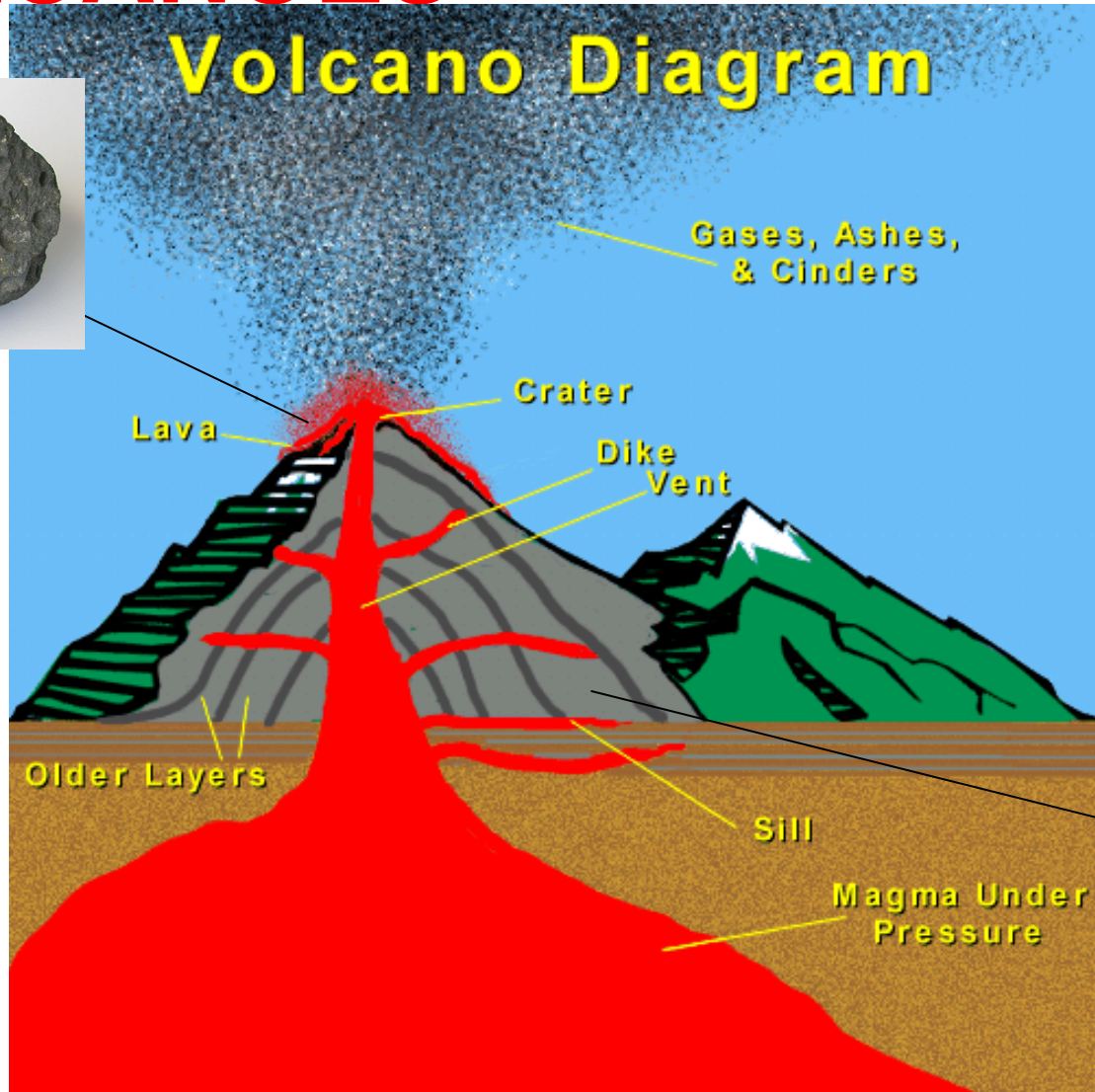


- 1 - sandstone
- 2 - conglomerate
- 3 - slate
- 4 - limestone
- 5 - conglomerate
- 6 - chalk
- 7 - marble

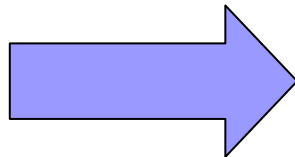
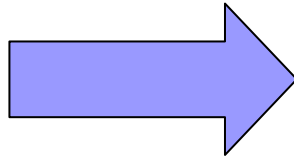
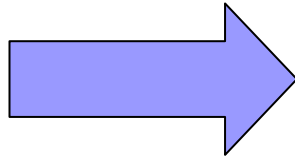
- 8 - basalt
- 9 - granite



# VOLCANOES



# Changing Rocks...



# CHEMICAL WEATHERING





# Chemical weathering

- Chemical weathering involves the breakdown of the original minerals within a rock to produce new minerals.
- such as clay minerals, bauxite, and calcite

# Chemical Weathering

- Breakdown of rocks occurs because of chemical reactions between the minerals in the rocks and substances in the environment such as:
  - water,
  - oxygen,
  - weak acid rainwater.
- Material worn away from rocks by weathering, either as fragments of rock or dissolved material, may be transported and deposited as sediments, which eventually become compacted to form Sedimentary rock.

# Circus Experiment...

- **Title:** Chemical weathering investigation
- **Aim:** to investigate chemical weathering
- **Method:** Adding TWO DROPS of acid to a rock example.
- **Results:** Record your results in the following table:

# Results Table

<b>Name of the rock tested with acid</b>	<b>Before Test</b>	<b>During Test</b>	<b>After Test</b>





# Conclusion

- From this experiment I found that when acid was added to.....

# Listen to TIM & MOBY

Write down the following questions and wait **Silently** for the video to start.

1. What is chemical weathering.....  
(Give examples)