

CHEMICAL WEATHERING





Starter Activity

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

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



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.

Experiment

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

Results Table

Name of the rock tested with acid	Before Test	During Test	After Test



Conclusion

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