

Earth

1. Earth structure

CONCEPT 3

WEATHERING AND EROSION

NOTES

Weathering is how rocks gradually wear away. This can be caused by **chemical weathering** and **physical weathering**.

Chemical weathering -

- such as acid rain can dissolve marble and limestone.

Physical weathering -

- such as waves pounding on rocks eventually causing cliffs to crumble.
- tree roots can also break rocks apart as they grow.
- fast flowing rivers knocking off sharp edges of rocks turning them into smooth weathered rocks.
- freeze-thaw weathering of rocks happens when water seeps into cracks in the rock and then freezes. As it freezes it expands, eventually breaking the rock apart.

