

Weathering & Erosion Review — Get Ready to Investigate

Warm up: weathering and erosion

Before your investigation, let's warm up what you know about how Earth's surface changes. This is practice — it is not marked.

Big idea: **weathering** breaks rock down where it is; **erosion, transportation and deposition** move the pieces somewhere new.

Practice questions

Q1. Is each example **weathering** or **erosion**? Write W or E.

Example	W or E
Ice cracks a rock in place	
A river carries sand downstream	
Wind blows topsoil off a bare paddock	
Acid rain slowly dissolves a statue	

Q2. Put the three steps in order (1, 2, 3): *deposition, erosion, transportation*.

Q3. In your investigation, the "acid" washing out of the mine pile is an example of chemical weathering and erosion. What do you think a **cover** will do to how much washes out? Write your prediction.

Q4. Plan ahead: to keep your test **fair**, what is the ONE thing you will change, and two things you will keep the same?

Change (one thing)	Keep the same

Ready? Markers want a clear **fair-test plan**, a **safety** note, a labelled **design**, and an **explanation** using weathering and erosion words.