

UNIT 02 / 16 • LEARN & TRY

Shaping of the Earth's Surface

Name: _____ Date: _____

Learn

Earth's surface changes through internal processes such as tectonic movement and external processes such as weathering, erosion and deposition. Weathering breaks down material in place; erosion transports it. Rivers, glaciers, wind and waves move and deposit material under different conditions. Rates vary greatly. A landform may record several processes acting over long periods.

Worked example

A river can erode an outer bend and deposit sediment on an inner bend, changing its channel over time.

1. Distinguish weathering from erosion.

2. Name an internal process shaping the surface.

3. Name two agents of erosion.

Compare the shapes of landforms



mountains

plain

plateau

Schematic cross-section; real landforms vary in height and shape.