

Chapter 12: Weathering and Erosion

ICC: Earth 2:II Movement of elements/atoms between reservoirs

alluvial fan, 289 chemical weathering, 281 cirque, 295 delta, 289 deposition, 289 erosion, 286 floodplain, 288	glacier, 294 horn, 295 meander, 288 mechanical weathering, 280 moraine, 296 mouth, 289 oxbow lake, 288	oxidation, 281 soil, 282 subsoil, 282 topsoil, 282 weathering, 280
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Lesson 12:1 Define weathering

Give examples of mechanical and chemical weathering

Identify different soil layers

Investigation 12-1 Observing Chemical Weathering

Workbook Activity 46: Weathering

Lab Manual 45: Observing Chemical Weathering

Lesson 12:2 Explain how rivers erode the land

Describe how river valleys form and age

Explain deposition and delta formation

Identify shoreline features caused by waves

Investigation 12-2 Comparing Erosion

Lab Manual 46: Observing the Effect of Vegetation on Soil Erosion

Workbook Activity 47: Erosion Caused by Water

Lab Manual 47: Comparing Erosion

Lesson 12:3 Define two types of glaciers

Explain how glaciers erode the land

Describe features caused by glaciers

Workbook Activity 48: Erosion Caused by Glaciers

Lesson 12:4 Describe how wind erodes land

Explain how sand dunes form

Identify examples of erosion by gravity

Lab Manual 48: Analyzing Sand

Workbook Activity 49: erosion Caused by Wind and Gravity: Terms

Review

Chapter 12 Review

Chapter 12 Mastery Test