

TOPIC 4.2

Soil Formation and Erosion

SUGGESTED SKILL

 *Scientific Experiments***4.B**

Identify a research method, design, and/or measure used.



Required Course Content

ENDURING UNDERSTANDING

ERT-4

Earth's systems interact, resulting in a state of balance over time.

LEARNING OBJECTIVE

ERT-4.B

Describe the characteristics and formation of soil.

ESSENTIAL KNOWLEDGE

ERT-4.B.1

Soils are formed when parent material is weathered, transported, and deposited.

ERT-4.B.2

Soils are generally categorized by horizons based on their composition and organic material.

ERT-4.B.3

Soils can be eroded by winds or water. Protecting soils can protect water quality as soils effectively filter and clean water that moves through them.

AVAILABLE RESOURCES

- External Resource > [Environmental Literacy Council's AP Environmental Science Course Material](#)
- The Exam > Chief Reader Report (2018 Q2 & Q4, 2017, Q1, Q3, & Q4)
- The Exam > Samples and Commentary (2018, Q2, 2018, Q4, 2017, Q3, 2017, Q4)