

Key Concepts for Soil and Erosion

ACCESS teachers create Science Concept Planners that reflect the key concepts of the investigation based on an in depth understanding of the topic. Because ACCESS is an emergent/negotiated curriculum, not all key concepts are included in all investigations. The direction of the investigation is informed by the interests and developmental skills of the children as well as the standards being addressed.

Soil Properties

Physical Properties
Soil Components
Soil Mixture

Purposes of Soil

Medium for plant growth
Medium of water storage supply
and purification
Modifier of the atmosphere
Habitat for organisms

Soil and Erosion

Soil Erosion Steps

1. Soil detachment due to raindrops or wind
2. Detached particles are swept away by rainwater

Factors that Impact Soil

Soil Texture
Slope (Length and Steepness)
Vegetation
Rainfall (Duration and intensity)
Humans