

Grade 1 Social Studies PPE

Unit Lesson Plan #3

Grade: 1

Strand: People, Places and the Environment (PPE) - Geography

Date:

Standards:

- PPE.I. Understand the concept of location to derive information about people, places and environments.
- PPE.II. Locate, describe and explain topographical features on the Earth.
- PPE.III. Understand and appreciate traditional values.

Benchmarks:

- *PPE.I.A. Explain the effect of the environment on human activity and vice versa.*
- *PPE.I.B. Identify changes in geographic characteristics and their impact on the environment.*
- *PPE.I.C. Explore current environmental issues and decisions and analyse their implications for the future.*
- *PPE.II.A. Investigate natural and man-made physical features of places (both local and global)*
- *PPE.II.B. Use geographical skills and tools (including maps, graphs, photos, software, and digital images) to obtain information/gather data and make decisions about the environment.*
- *PPE.III.A. Reflect on knowledge and skills and demonstrate positive VI values and attitudes.*

Lesson 1: Healthy Soil

Grade 1 Social Studies

Strand	People, Places and the Environment
Lesson Plan	Healthy Soil
Lesson Duration	
Reference	PPE.I. Understand the concept of location to derive information about people, places and environments. PPE.II. Locate, describe and explain topographical features on the Earth.

Objectives

Understand the effect of rain on the erosion of different soils.
Understand the quality benefits of using different soils in the garden.

Summary of Tasks

- (1) Teach about the impact of rain/water on soil. Ask questions: what happens when it rains in our bays? Are some areas worse than others? Do you know why?
- (2) As a class, simulate erosion of soil. Place different types of soil (sand, clay, silt, use one from the garden) in tray at an angle and pour water over the tray. Children pour water to observe which ones erode faster.
- (3) Children must determine which soil came from the garden. This should lead to a discussion on soil health. Ask questions: what about the soil in our garden makes it healthy? Why is it important that healthy soil does not erode?
- (4) How does soil health relate to environmental health: erosion, pollution of water. Once they know the issues make awareness posters. Some themes might be: don't throw trash in the guts, compost for healthy soil, plant trees.

Materials

Paper and crayons