

WEEK 1: LESSON 1

SCHOOL	LEVEL	LEARNING AREA	DATE	TIME	ROLL
	GRADE 6	AGRICULTURE AND NUTRITION			

Strand: CONSERVATION OF RESOURCES

Sub Strand: Controlling Soil Erosion

Learning Outcomes

By the end of the lesson, learners should be able to:

- Identify types of soil erosion.
- Use digital devices to observe types of soil erosion.
- Appreciate the importance of conserving soil.

Key Inquiry Question

- What is soil erosion?

Learning Resources

- Agriculture and Nutrition Grade 6 curriculum design

Organisation of Learning

Introduction (5 minutes)

- Review the previous lesson on soil and its importance for agriculture.
- Guide learners to read and discuss key concepts related to soil erosion from the learning resources, focusing on definitions and processes involved.

Lesson Development (25 minutes)

Step 1: Understanding Soil Erosion

- Discussion: Introduce the concept of soil erosion. Ask learners to share what they think soil erosion is and why it might happen. Present key terms (gully, rill, splash, sheet erosion).
- Activity: Have students draw a simple diagram illustrating the four types of soil erosion mentioned.

Step 2: Exploring Erosion Types

- Group Activity: Divide students into small groups, assigning each group one type of erosion (gully, rill, splash, sheet). Each group researches their type of erosion using digital devices (tablets or laptops).
- Presentation: Each group shares findings with the class, explaining how their assigned type of erosion occurs and examples from the real world.

Step 3: Observational Learning

- Observation Activity: Use a digital device to show a video or animations that depict different types of soil erosion in action.
- Class Discussion: Facilitate a discussion about what they observed. Ask guiding questions about how each type of erosion affects the soil.

Step 4: Importance of Soil Conservation

- Discussion: Engage the class in a discussion about why it is important to prevent soil erosion. Prompt students to think about how erosion can impact farming and the environment.
- Concept Connection: Relate soil conservation methods (like planting cover crops or building terraces) to how they help prevent erosion.

Conclusion (5 minutes)

- Summarize key points discussed in the lesson regarding the types of erosion and the importance of conserving soil.
- Conduct a quick interactive quiz (either verbally or using a digital tool) to reinforce the main topics covered.
- Preview next session's topic—perhaps focusing on soil conservation techniques—and pose questions for students to think about over the next few days.

Extended Activities

- Research Project: Assign students to research how different countries handle soil erosion and conservation. They can create a presentation or a poster illustrating their findings.
- Field Trip: Plan a field trip to a local farm, nature reserve, or conservation area where students can observe soil conservation techniques in practice.
- Creative Writing: Have students write a short story or a personal reflection on how they could help prevent soil erosion in their local areas, encouraging them to think critically about their surroundings.

Teacher Self-Evaluation: