WEEK 1: LESSON 1

SCHOOL	LEVEL	LEARNING AREA	DATE	TIME	ROLL
	GRADE 5	AGRICULTURE AND NUTRITION			

Strand: CONSERVATION OF RESOURCES
Sub Strand: Soil Conservation

Specific Learning Outcomes
By the end of the lesson, learners should be able to:
- Identify sites for soil improvement in the school.
- Visit areas in the school farm that have poor soil for crop growth.
- Express a desire to improve the soil for proper growth of crops.

Key Inquiry Question(s)
- What is soil improvement?

Learning Resources
- Agriculture and Nutrition Grade 5 curriculum design
- Soil analysis tools (e.g., simple soil testers, magnifying glasses)
- Local farm or garden examples (if applicable)

Organisation of Learning

Introduction (5 minutes)
1. Review Previous Lesson: Ask students to recall key concepts learned last week about soil and its importance for agriculture.
2. Discussion: Guide learners to read and discuss relevant sections from the learning resources, focusing on soil health and improvement.

Lesson Development (25 minutes)

Step 1: Identifying Poor Soil Areas
- Activity: Have students walk around the school farm or garden in small groups. Each group will look for areas where the soil looks unhealthy (e.g., hard, dry, or lacking vegetation).
- Discussion: Each group will share their findings with the class.

Step 2: Observing Soil Characteristics
- Activity: Using magnifying glasses and simple tools, students will observe the soil they found. They can look for things like color, texture, and the presence of organic matter (like leaves).
- Questions to Consider: Why do we think this soil is poor? What might be lacking?

Step 3: Exploring Soil Improvement Techniques
- Instruction: Explain basic soil improvement techniques (e.g., adding compost, practicing crop rotation, mulching).
- Discussion: How might each technique help the areas they identified?

Step 4: Commitment to Change
- Reflection: Ask students to think about how they can contribute to soil improvement in these areas.
- Writing Task: Have students write a brief statement about how they wish to help improve the soil.

Conclusion (5 minutes)
1. Summarize Key Points: Recap the main ideas from the lesson, emphasizing the importance of healthy soil for plant growth.
2. Interactive Activity: Conduct a quick quiz where students can shout out ways to improve soil. Reward correct answers with a small treat or recognition.
3. Prepare for Next Session: Preview the next topic, which will be about different types of crops grown in healthy soil. Encourage students to think about their favorite vegetables or fruits.

Extended Activities
- Soil Journal: Have students keep a soil journal for a week, noting any changes they observe in their home gardens or other fields.
- Guest Speaker: Invite a local farmer or gardener to speak about their experiences with soil improvement.
- Soil Art Project: Create art using different types of soil to understand its textures and colors better.

Teacher Self-Evaluation: