



HAZLETON AREA SCHOOL DISTRICT



DISTRICT UNIT/LESSON PLAN

Teacher Name : Debbie Zola

Grade Level (s): 3

Building : Maple Manor

Subject : Science/SS

Start Date(s):

Unit Plan

The Earth's Crust

Unit Title: The Earth's Crust

Essential Questions

1. **What is a landform?**
2. **What are the basic landforms in PA?**
3. **What is a fossil?**
4. **What are the three layers of the Earth?**
5. **What is weathering?**
6. **What is erosion?**
7. **What is sediment?**
8. **How do earthquakes and volcanoes affect the Earth?**

Standards: PA Core Standards, PA Academic Standards/Anchors S4D1.1, 3.5.4A Describe basic landforms in Pennsylvania
CCRI3.1 Ask and Answer Questions to demonstrate knowledge of non-fiction text

S4D1.1 Describe Basic Landforms in PA : The Earth's Crust
S3.5.4D Classification of Earth's Materials

CC RL3.1 Ask and Answer Questions to demonstrate knowledge of a nonfiction text

Summative Assessment Objective	Assessment Method (check one)
The student will identify basic landforms from pictures and describe characteristics of each. The student will identify the three layers of the Earth. Students will make observations about fossils. The students will draw conclusions on how weathering and erosion affect the Earth's surface.	<input type="checkbox"/> Rubric <input type="checkbox"/> Checklist <input checked="" type="checkbox"/> Unit Test <input checked="" type="checkbox"/> Group <input checked="" type="checkbox"/> Student Self-Assessment <input checked="" type="checkbox"/> Other (explain) Diagram of the Layers of the Earth

DAILY PLAN

RL3.1 The student will answer questions to demonstrate the understanding of the nonfiction text.
 S4D1.1 Describe basic landforms in PA

Day	Objective (s)	DOK LEVEL	
1	Students will-become familiar with new Vocabulary The Earth's Crust New Vocabulary words : core, crust, earthquake,erosion,fossil,humus,igneous rock ,landform, mantle,metamorphic rock, mineral, sedimentary rock, soil and weathering	Level 1 Identify key vocabulary-Glossary use Word, definition, pronunciation Flash Cards Rock Chart – Rock Collection and Observations Level3	
2	Students will identify landforms of PA, mountains valleys and plains from a geographical landform map. Students will diagram and label the three layers of the Earth. Students will use a magnifying glass to observe and record data about different types of rocks.	Level 1-Recall details Cite the evidence from the informational text. Level 2-Construct and Label a diagram. Level 2 Making and recording Observations	
3	Students will classify rocks by hardness,streak, color and texture,	Level 2 Classifying Rocks Level 2 Making Observations and Recording Data	
4	Students will know how a fossil is formed. Diagram C22. Students will know what a fossil tells us about decaying living matter. The student will know the steps of fossil formation.	Level 2 List steps of fossil formation Level 3 Draw conclusions about decaying plant and animal matter.	
5	Students will use informational text to list what soil is composed of.	Level 1 View DVD Level 2 List elements of soil and cite evidence how soil becomes fertile.	
6	Students will identify five causes of weathering are water, wind, ice, plant roots and gravity.	Level 3 Making inferences how weathering affects the soil.	