



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): March

Unit Plan

The States of Matter/Chapter 11

Unit Title: The Water Cycle

Essential Questions

- 1. What are the 3 states of matter?**
- 2. What is a Solid?**
- 3. What is a Liquid?**
- 4. What is a Gas?**
- 5. What is a Physical Change?**
- 6. What is a Chemical Change?**

Standards: PA Core Standards, PA Academic Standards/Anchors (based on subject)
S4D3.1, S4.4D,3.4.4D, 3.7.4A, 3.7.4B
CCRI3.1 Ask and Answer Questions to demonstrate knowledge of non-fiction text

Summative Unit Assessment :

S4C1.1 Describe observable physical properties of matter
S4C1.1.1 Use physical properties mass, shape, size, volume,color and texture.

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

Summative Assessment Objective	Assessment Method (check one)
The student will know the 3 States of Matter. The student will differentiate between a chemical change and a physical change. The student will know properties of solids, liquids and gases.	<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) Create a Project , Categorize Solids, Liquids and Gases

DAILY PLAN

RL3.1 The student will answer questions to demonstrate the understanding of the nonfiction text.
 S4C1.1 The student will know States of Matter and Changes that Occur

Day	Objective (s)	DOK LEVEL	
1	Students will-become familiar with new Vocabulary and Changes in the Earth's forms of water New Vocabulary words : chemical change, chemical property, condense, evaporate, freeze,gas, liquid, mass,matter, melt, physical change,physical property, solid, volume	Identify key vocabulary-Level 1 Glossary use/Ch 11 Word, definition, pronunciation Flash Cards	
2	Students will list water sources and become familiar with the 3 states of matter.	Level 1-Recall details Cite the evidence from the informational text. Answer Questions in a journal- open ended questions. Categorize solids, liquids and gases	
3	Students will-compose a list of various solids, liquids and gases from the classroom	Level 2 Categorize states of matter	
4	Students will make predictions of Ivory Soap Microwave Experiment..Hypothesis- What will happen when the soap is heated in the microwave for 1 minute	Level 3 Analyze data The molecules will expand	
5	Students will use informational text and background knowledge to identify chemical and physical changes	Level 3 Analyze and record data	
6	Students will-compare and contrast the 3 states of matter	Level 3 Compare and Contrast Clouds Level 3 Making Butter...changing state from a heavy liquid to a solid. Students will make observations of the color and texture Before and After Observations Taste test the butter on crackers	