



# 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 Solar System

**Unit Title: The Solar System**

**Essential Questions**

1. **What makes up the Solar System?**
2. **What are the inner planets?**
3. **What are the outer planets?**
4. **What is a moon?**
5. **What is the sun?**
6. **How does the Earth move?**
7. **Does the sun move?**
8. **How long does it take Earth to revolve around the sun?**
9. **What is a rotation?**
10. **What is a revolution?**
11. **What is an orbit?**
12. **What is a telescope and why do we use it?**

**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

S4D3.1 Describe the relationship between the Sun, the Moon and the Earth

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

<b>Summative Assessment Objective</b> The students will describe the relationship between the sun, the moon, the Earth and the planets.	<b>Assessment Method (check one)</b>
The student will know that the Earth is not the only planet in the solar system. The student will learn characteristics and properties of the planets and the sun.	<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 , Space Booklet

# DAILY PLAN

RL3.1 The student will answer questions to demonstrate the understanding of the nonfiction text.  
 S4D3.1 The student will become aware of the relationship between the sun, the moon and the Earth.

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 : asteroid,inner planets, outer planets,magnify,moon, orbit,outer planets,planet, solar system., space probe, sun ,telescope	Identify key vocabulary-Level 1 Glossary use Word, definition, pronunciation Flash Cards Space booklet	
2	Students will use the diagram of the Solar System to make a connection between the sun , the Earth and the other planets.	Level 1-Recall details Cite the evidence from the informational text. Answer Questions in a journal- open ended questions. Creative Writing-Level 3 Space Booklet	
3	Students will-compare and contrast the size of the Sun, the Moon and the Planets.	Level 2 Diagram and Construct Project : Create a Solar system Diagram and Project	
4	Students will-recognize properties and characteristics of the planets in relationship to the sun, chart and record data.	Level 1 Identify and recall definitions. Flash Cards Level 3 Analyze data	
5	Students will use informational text and background knowledge to contrast the planets.	Level 3 Analyze and record data	
6	Students will-compare and contrast the planets.	Level 3 Compare and Contrast Planets Record Data- Space Booklet	