

Unit 2: Our Solar System

Lesson Plan

Disciplinary Core Areas	The Planets of Our Solar System
NGSS:	<ul style="list-style-type: none">• MS-ESS1-2 Develop and use a model to describe the role of gravity in the motions within galaxies and the solar system.• MS-ESS1-3 Analyze and interpret data to determine scale properties of objects in the solar system.
Lesson Title	The Planets of Our Solar System
Lesson Number	2-4a
Learning objectives:	<ul style="list-style-type: none">• Compare and contrast the planets in the solar system.• Analyze and interpret data from a table to describe the scale of planets in the solar system and the distances among them.
“I can” statement:	<ul style="list-style-type: none">• I can differentiate between characteristics of other planets in our solar system in terms of gravitational force, distance from the Sun, speed, movement, orbital path, temperature, and atmospheric conditions.• I can analyze and interpret data from a table to describe the scale of planets in the solar system and the distances among them.
Prior Knowledge: Inner and Outer Planets	
Vocabulary: Astronomical Unit, Gravity, Orbit, Rotation, Revolution	
Summary of Activities: <ol style="list-style-type: none">1. Distribute and complete bell ringer activity.2. Discuss guided notes and slideshow, with students.3. Do the laboratory activity with students.4. Exit quiz	
Additional Resources: <ul style="list-style-type: none">• See online activities	
Homework: <ul style="list-style-type: none">• Assignment	
Assessment: <ul style="list-style-type: none">• Bell work• Assignment• Exit quiz• End of unit review	