

Week Of: 6/1 - 6/5

Essential Questions: How do scientists contribute/impact our everyday life?
 How do scientists collect, interpret, and apply the data they gather?
 How have the forces on Earth changed its surface as we know it today?

Content Question(s):

- What features of the moon can be seen with a telescope?
- How did the Apollo landings help scientists learn about the moon?

Standard(s): 9. Describe lunar and solar eclipses, the observed moon phases, and tides. Relate them to the relative positions of the earth, moon, and sun.

Day	In Class	Homework
Monday 1	<ul style="list-style-type: none"> • Science Question of the Day (PDF) • Finish Kids Discover - Space Travel • Space Travel PowerPoint (PowerPoint) (PDF) • Read pages 39-44 (PDF) • Complete two-column notes (Word) (PDF) 	<ul style="list-style-type: none"> • Complete two column notes 1-4
Tuesday 2	<ul style="list-style-type: none"> • Science Question of the Day (PDF) • Brainpop: Moon <ul style="list-style-type: none"> ◦ Pop Quiz • PowerPoint 1-4 (PowerPoint) (PDF) • Moon-Earth Venn Diagram (Word) (PDF) 	<ul style="list-style-type: none"> • None
Wednesday 3	<ul style="list-style-type: none"> • Science Question of the Day (PDF) • Discuss Moon-Earth Venn Diagram (Word) (PDF) • Chapter 1-Connecting Concepts (PDF) <ul style="list-style-type: none"> ◦ Answer Key (PowerPoint) (PDF) • Chapter 1 Review (pgs. 46-47) <ul style="list-style-type: none"> ◦ #s 1-18 	<ul style="list-style-type: none"> • Chapter 1 Review (pgs. 46-47) <ul style="list-style-type: none"> ◦ #s 1-18
Thursday 4	<ul style="list-style-type: none"> • Science Question of the Day (PDF) • Bill Nye The Science Guy: Seasons • Discuss Chapter 1 Review (pgs. 46-47) <ul style="list-style-type: none"> ◦ #s 1-18 • Complete Chapter 1 Review (pgs. 46-47) <ul style="list-style-type: none"> ◦ 20-26 ◦ Answer Key (PDF) 	<ul style="list-style-type: none"> • Study For Tomorrow's Test

Friday

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- Chapter 1 Test - The Earth, Moon, & Sun
 - Multiple Choice
 - True & False
 - Completion
 - Short Answer (Choose 1)
 - Explain how lunar eclipses differs from a solar eclipse.
 - Explain how day and night occur.
 - Explain why spring tides are higher than all other tides.
 - Essay
 - Discuss how the earth, moon, and sun relationship cause the following:
 - Phases
 - Eclipses
 - Tides
 - Earth, Moon, and Sun Diagram

- None

Week Of: 6/8 - 6/12

Essential Questions: How do scientists contribute/impact our everyday life?
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 How have the forces on Earth changed its surface as we know it today?

Content Question(s):

- How do the heliocentric and geocentric descriptions of the solar system differ?
- What did Kepler discover about the orbits of the planets?
- What two factors keep the planets in their orbits?

Standard(s): 10. Compare and contrast properties and conditions of objects in the solar system (i.e., sun, planets, and moons) to those on Earth (i.e., gravitational force, distance from the sun, speed, movement, temperature, and atmospheric conditions).

Day	In Class	Homework
Monday <div style="border: 1px solid black; padding: 2px; width: 30px; margin: 0 auto;">8</div>	<ul style="list-style-type: none"> • Clean Binders <ul style="list-style-type: none"> ○ Distribute new Table of Contents (PDF) • Read pages 50-55: Observing the Solar System <ul style="list-style-type: none"> ○ Text (PDF) ○ Two Column Notes 2-1 (Word) (PDF) 	<ul style="list-style-type: none"> • Two Column Notes
Tuesday <div style="border: 1px solid black; padding: 2px; width: 30px; margin: 0 auto;">9</div>	<ul style="list-style-type: none"> • Early Greek - Geocentric - Heliocentric Activity (Outside) • PowerPoint 2-1: Observing the Solar System (PowerPoint) (PDF) 	<ul style="list-style-type: none"> • None
Wednesday <div style="border: 1px solid black; padding: 2px; width: 30px; margin: 0 auto;">10</div>	<ul style="list-style-type: none"> • Bill Nye the Science Guy: Gravity • Try This - A Loopy Ellipse (pg. 53) • Analyzing Data - Speed of the Planets 	<ul style="list-style-type: none"> • None
Thursday <div style="border: 1px solid black; padding: 2px; width: 30px; margin: 0 auto;">11</div>	<ul style="list-style-type: none"> • Read pages 56-60: The Sun (PDF) • Complete two - column notes 2-2 (Word) (PDF) • Gravity Worksheet 	<ul style="list-style-type: none"> • None
Friday <div style="border: 1px solid black; padding: 2px; width: 30px; margin: 0 auto;">12</div>	<ul style="list-style-type: none"> • National Geographic: Secrets of the Sun <ul style="list-style-type: none"> ○ Write down 10 facts that you learned from the DVD ○ Discuss in groups 	<ul style="list-style-type: none"> • None

Week Of: 6/15 - 6/19

Essential Questions: How do scientists contribute/impact our everyday life?
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Content Question(s):

Standard(s): 10. Compare and contrast properties and conditions of objects in the solar system (i.e., sun, planets, and moons) to those on Earth (i.e., gravitational force, distance from the sun, speed, movement, temperature, and atmospheric conditions).

Day	In Class	Homework
Monday 15	Greek City States (No Classes)	• NONE
Tuesday 16	<p style="text-align: center;">Greek City States (25 Minute Classes)</p> <ul style="list-style-type: none"> • The Sun Diagram <ul style="list-style-type: none"> ○ Write a description of the layers of the sun's atmosphere ○ Class discussion 	• NONE
Wednesday 17	Lynch Park Field Trip	• NONE
Thursday 18	<ul style="list-style-type: none"> • Finish Apollo 13 	• NONE
Friday 19	<ul style="list-style-type: none"> • Discuss the similarities of: <ul style="list-style-type: none"> ○ Inner Planets ○ Outer Planets • Planet Project <ul style="list-style-type: none"> ○ Each group assigned a planet ○ Research the following: <ul style="list-style-type: none"> ▪ Size <ul style="list-style-type: none"> ▪ Diameter ▪ Mass ▪ Distance from the sun ▪ Rotation (day) ▪ Revolution (year) ▪ Atmospheric conditions ▪ Moons ▪ Important to know facts 	• NONE