

# 8th Grade Science Agenda- Mrs. Sharon

Week of January 9, 2017

Day	In Class	HW/Reminders
<p><b>Monday</b> <b>1-9</b></p> <p><b>MS-ESS1-3</b></p>	<p><b>Block Schedule-Odd Day (1, 3, 7)</b></p> <p><b>Focus Questions: Why does the sun seem so small in our sky? How far are the other planets in our solar system?</b></p> <ol style="list-style-type: none"> <li><u>How Far is the Sun?</u> <ul style="list-style-type: none"> <li>Build a model of the Earth &amp; Sun</li> <li>Estimate &amp; create a scale distance model for between the Earth and Sun</li> <li>Compare to the moon's size and distance from the Earth (discussion)</li> </ul> </li> <li><u>Lining Up The Planets</u> <ul style="list-style-type: none"> <li>Create a 2 dimensional model of the solar system</li> <li>Practice the order of the planets</li> </ul> </li> <li><u>Mini-Book Creation</u> <ul style="list-style-type: none"> <li>A Very Brief History of Astronomy</li> <li>Planets in Our Solar System</li> </ul> </li> </ol>	<p><b>Watch This:</b></p> <p><a href="https://www.youtube.com/watch?v=1Eh5BpSnBw">https://www.youtube.com/watch?v=1Eh5BpSnBw</a></p> <p><b>And ....</b></p> <p><a href="https://www.youtube.com/watch?v=HEeh1BH34Q">https://www.youtube.com/watch?v=HEeh1BH34Q</a></p> <p><b>Read mini books.</b></p>
<p><b>Tuesday</b> <b>1-10</b></p>	<p><b>Block Schedule-Even Day (2, 4, 6)</b></p> <p><b><u>See Monday</u></b></p>	
<p><b>Wednesday</b> <b>1-11</b></p>	<p><b>Block Schedule-Odd Day (1, 3, 7)</b></p> <p><b>Focus Question: How are the other planets in our solar system similar to the Earth? How are they different?</b></p> <ol style="list-style-type: none"> <li><u>Can you Planet?</u> <ul style="list-style-type: none"> <li>Solar System diagram in notebook (p 27-28)</li> <li>Use graphical and tabular data to classify the planets by their characteristics</li> <li>Complete tables, graphs &amp; venn diagrams to show relationships among planets</li> </ul> </li> <li><u>Planetary Facts</u> <ul style="list-style-type: none"> <li>Planetary Facts Terms Mini-Book</li> <li>Create a venn diagram using the planetary facts data table</li> </ul> </li> <li>Reflections</li> </ol>	<p><b>Watch This:</b></p> <p><a href="https://www.youtube.com/watch?v=ZHAqT4hXnMw">https://www.youtube.com/watch?v=ZHAqT4hXnMw</a></p>

<b>Thursday 1-12</b>	<b>Block Schedule-Even Day (2, 4, 6)</b>  <b>See Wednesday</b>	
<b>Friday 1-13</b>	<b>See All Classes-Early Release</b>  <b><u>Focus Question:</u> How have the views of scientists changed over time regarding our solar system?</b>  1. Read p.50-55 in the astronomy textbook (Jigsaw) 2. Complete notes during Gallery Walk	Have a great weekend!

**Reflections:** Please mark an X along the line to indicate your level of understanding.

**MS-ESS1-3 :** I can describe the relative size of the Sun compared to the Earth.

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I cannot YET

I think I can...

I know I can!

**Evidence:**

**MS-ESS1-3:** I can describe how the distance between the Earth and the Sun affects our perception of the Sun's size.

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I cannot YET

I think I can...

I know I can!

**Evidence:**

**MS-ESS1-3:** I can use data to explain how each planet is similar to and different from the Earth including distance from the sun, diameter, surface features, structure & composition. (Record in your notebook for each planet.)

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I cannot YET

I think I can...

I know I can!

**Evidence:**

