

Date:	Classwork:	Homework:
<p>Monday/ Tuesday 1-23/1-24 Block</p>	<p>Focus Questions: How do scientists calculate distances in space? How do the planets compare in size?</p> <p>Watch this: Solar System to Scale https://www.youtube.com/watch?v=aY_NfuZlFxc</p> <p><u>Building a Scale Model of our Solar System</u></p> <p>Size it Up:</p> <ul style="list-style-type: none"> • Use the Can You Planet Data Table (nb p.26) to record Approximate Diameter in km of each planet • Calculate the Relative Diameter of each planet • Build the Planets out of clay <p>Spacing out the System:</p> <ul style="list-style-type: none"> • Use the Planetary Data Table (nb p.29) to record Approximate Distance from the Sun in km of each planet • Calculate the Relative Distance from the Sun of each planet • Space the Planets according to their distance from the Sun along your table • Class will demonstrate the Solar System in the Hallway if time allows <p>Size it UP Questions</p> <p>Reflections</p>	<p>Finish any work not completed in class.</p> <p>Planet Classification Quiz Next Wed 1-25 (You can use notebooks on the quiz, no study guide)</p> <p>Watch This: https://www.youtube.com/watch?v=97OboxRoUt8</p>
<p>Wednesday/ 1-25 All Classes</p>	<p>Focus Questions: How are the other planets in the solar system similar to the Earth? How are they different?</p> <p>Planet Classification Quiz</p> <p>Create Planet Word Clouds- TAGUL</p>	<p>Finish any work not completed in class.</p>
<p>Thursday/ Friday 1-26/27 Half Days Block</p>	<p>Focus Question: How far can I jump on other planets and the moon?</p> <p>Gravity Exploration Lab</p>	<p>Have a great weekend!</p>

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

MS-ESS1-3: I can explain the term relative size and use it to explain how each planet's diameter compares to the Earth's diameter.

I cannot YET

I think I can...

I know I can!

Evidence:

MS-ESS1-3: I can explain the term astronomical unit and use it to explain how each planet's distance from the sun compares to the Earth's distance from the sun.

I cannot YET

I think I can...

I know I can!

Evidence:

MS-ESS1-3: I can explain the term relative gravity and use it to explain why on each planet I would have a different jump distance compared to Earth.

I cannot YET

I think I can...

I know I can!

Evidence: