

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

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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.

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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.

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I cannot YET

I think I can...

I know I can!

**Evidence:**