



<b>Science Grade 6</b> <b>Earth and Space Science: Our Solar System (SS)</b>					
<b>Outcome</b>		<b>1 – Little Evidence</b> With help, I understand parts of the simpler ideas and do a few of the simpler skills.	<b>2 – Partial Evidence</b> I understand the simpler ideas and can do the simpler skills. I am working on the more complex ideas and skills.	<b>3 – Sufficient Evidence</b> I understand the more complex ideas and can master the complex skills that are taught in class. <b>I achieve the outcome.</b>	<b>4- Extensive Evidence</b> I have a deep understanding of the complex ideas, and I can use the skills I have learned in situations that were not taught in class.
<b>SS6.1</b> <b>Research and represent the physical characteristics of the major components of the solar system, including the sun, planets, moons, asteroids, and comets.</b>	<b>Research</b>	<ul style="list-style-type: none"> <li>• <b>With help</b>, I can <b>organize information</b> that describes the physical characteristics of <b>several of</b> the major components of the solar system, including the sun, planets, moons, asteroids <b>OR</b> comets.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>organize information</b> that describes the physical characteristics of <b>most of</b> the major components of the solar system, including the sun, planets, moons, asteroids <b>OR</b> comets.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>gather and compile valid evidence</b> that describes the <b>physical characteristics</b> of the major components of the solar system, including the sun, planets, moons, asteroids, <b>AND</b> comets.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>gather and compile valid evidence from a variety of documented sources</b> that describes the physical characteristics of the major components of the solar system, including the sun, planets, moons, asteroids, <b>AND</b> comets.</li> </ul>
	<b>Represent</b>	<ul style="list-style-type: none"> <li>• <b>With help</b>, I can <b>create charts, models, OR diagrams</b> to represent the physical characteristics of the solar system, including the sun, planets, moons, asteroids <b>OR</b> comets.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>create charts, models, OR diagrams</b> to represent the physical characteristics of the solar system, including the sun, planets, moons, asteroids <b>OR</b> comets.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>create charts, models, AND diagrams</b> to represent the physical characteristics of the solar system, including the sun, planets, moons, asteroids <b>AND</b> comets.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>explain</b> the charts, models, and diagrams I create to represent the physical characteristics of the solar system, including the sun, planets, moons, asteroids and comets.</li> </ul>
Comments					



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Outcome	1 – Little Evidence With help, I understand parts of the simpler ideas and do a few of the simpler skills.	2 – Partial Evidence I understand the simpler ideas and can do the simpler skills. I am working on the more complex ideas and skills.	3 – Sufficient Evidence I understand the more complex ideas and can master the complex skills that are taught in class. <b>I achieve the outcome.</b>	4- Extensive Evidence I have a deep understanding of the complex ideas, and I can use the skills I have learned in situations that were not taught in class.
<b>SS6.2</b> <b>Assess the efficacy of various methods of representing and interpreting astronomical phenomena, including phases, eclipses, and seasons.</b>	<ul style="list-style-type: none"><li>• <b>With help</b>, I can <b>describe several</b> methods of representing <b>OR</b> interpreting astronomical phenomena, including phases, eclipses, <b>AND</b> seasons.</li></ul>	<ul style="list-style-type: none"><li>• I can <b>describe several</b> methods of representing <b>AND</b> interpreting astronomical phenomena, including phases, eclipses, <b>AND</b> seasons.</li></ul>	<ul style="list-style-type: none"><li>• I can <b>point out the strengths and limitations</b> of <b>several</b> methods of representing <b>AND</b> interpreting astronomical phenomena, including phases, eclipses, <b>AND</b> seasons.</li></ul>	<ul style="list-style-type: none"><li>• I can <b>point out the strengths and limitations</b> of <b>various</b> methods of representing <b>AND</b> interpreting astronomical phenomena, including phases, eclipses, <b>AND</b> seasons, in their applications to daily life.</li></ul>
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<b>SS6.3</b> <b>Evaluate past, current, and possible future contributions of space probes and human spaceflight, which support living and working in the inner solar system.</b>	<ul style="list-style-type: none"> <li>• <b>With help</b>, I can <b>identify</b> past <b>OR</b> current contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>identify</b> past <b>OR</b> current contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>describe</b> past <b>AND</b> current contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>compare</b> past <b>AND</b> current contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system.</li> </ul>
	<ul style="list-style-type: none"> <li>• I can <b>propose a few</b> possible future contributions of space probes <b>OR</b> human spaceflight that support living and working in the inner solar system.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>propose a few</b> possible future contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>propose several</b> possible future contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system, <b>with specific detail.</b></li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>propose and defend</b> possible future contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system, <b>with convincing evidence.</b></li> </ul>
	<ul style="list-style-type: none"> <li>• I can <b>explain the strengths and limitations of a few</b> past, current, <b>OR</b> possible future contributions of space probes <b>OR</b> human spaceflight that support living and working in the inner solar system.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>explain the strengths and limitations of a few</b> past, current, <b>OR</b> possible future contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>explain the strengths and limitations of several</b> past, current, <b>AND</b> possible future contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system.</li> </ul>	<ul style="list-style-type: none"> <li>• I can <b>compare the strengths and limitations of several</b> past, current, <b>AND</b> possible future contributions of space probes <b>AND</b> human spaceflight that support living and working in the inner solar system.</li> </ul>
Comments				