

Science Grade 6 Earth and Space Science: Our Solar System (SS)					
Outcome		1 - Beginning The student is having difficulty demonstrating an understanding of the concept.	2 – Approaching The student is developing an understanding of the concept.	3 – Meeting The student consistently demonstrates an understanding of the concept or has achieved the concept.	4-Exemplary The student independently demonstrates an in-depth understanding of the concept, and consistently applies this knowledge to new situations.
SS6.1 Research and represent the physical characteristics of the major components of the solar system, including the sun, planets, moons, asteroids, and comets.	Research	<ul style="list-style-type: none"> • With help, I can organize information that describes the physical characteristics of several of the major components of the solar system, including the sun, planets, moons, asteroids OR comets. 	<ul style="list-style-type: none"> • I can organize information that describes the physical characteristics of most of the major components of the solar system, including the sun, planets, moons, asteroids OR comets. 	<ul style="list-style-type: none"> • I can gather and compile valid evidence that describes the physical characteristics of the major components of the solar system, including the sun, planets, moons, asteroids, AND comets. 	<ul style="list-style-type: none"> • I can gather and compile valid evidence from a variety of documented sources that describes the physical characteristics of the major components of the solar system, including the sun, planets, moons, asteroids, AND comets.
	Represent	<ul style="list-style-type: none"> • With help, I can create charts, models, OR diagrams to represent the physical characteristics of the solar system, including the sun, planets, moons, asteroids OR comets. 	<ul style="list-style-type: none"> • I can create charts, models, OR diagrams to represent the physical characteristics of the solar system, including the sun, planets, moons, asteroids OR comets. 	<ul style="list-style-type: none"> • I can create charts, models, AND diagrams to represent the physical characteristics of the solar system, including the sun, planets, moons, asteroids AND comets. 	<ul style="list-style-type: none"> • I can explain the charts, models, and diagrams I create to represent the physical characteristics of the solar system, including the sun, planets, moons, asteroids and comets.
Comments					

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<p>SS6.2 Assess the efficacy of various methods of representing and interpreting astronomical phenomena, including phases, eclipses, and seasons.</p>	<ul style="list-style-type: none"> • With help, I can describe several methods of representing OR interpreting astronomical phenomena, including phases, eclipses, AND seasons. 	<ul style="list-style-type: none"> • I can describe several methods of representing AND interpreting astronomical phenomena, including phases, eclipses, AND seasons. 	<ul style="list-style-type: none"> • I can point out the strengths and limitations of several methods of representing AND interpreting astronomical phenomena, including phases, eclipses, AND seasons. 	<ul style="list-style-type: none"> • I can point out the strengths and limitations of various methods of representing AND interpreting astronomical phenomena, including phases, eclipses, AND seasons, in their applications to daily life.
<p>Comments</p>				

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SS6.3 Evaluate past, current, and possible future contributions of space probes and human spaceflight, which support living and working in the inner solar system.	<ul style="list-style-type: none"> • With help, I can identify past OR current contributions of space probes AND human spaceflight that support living and working in the inner solar system. 	<ul style="list-style-type: none"> • I can identify past OR current contributions of space probes AND human spaceflight that support living and working in the inner solar system. 	<ul style="list-style-type: none"> • I can describe past AND current contributions of space probes AND human spaceflight that support living and working in the inner solar system. 	<ul style="list-style-type: none"> • I can compare past AND current contributions of space probes AND human spaceflight that support living and working in the inner solar system.
	<ul style="list-style-type: none"> • I can propose a few possible future contributions of space probes OR human spaceflight that support living and working in the inner solar system. 	<ul style="list-style-type: none"> • I can propose a few possible future contributions of space probes AND human spaceflight that support living and working in the inner solar system. 	<ul style="list-style-type: none"> • I can propose several possible future contributions of space probes AND human spaceflight that support living and working in the inner solar system, with specific detail. 	<ul style="list-style-type: none"> • I can propose and defend possible future contributions of space probes AND human spaceflight that support living and working in the inner solar system, with convincing evidence.
	<ul style="list-style-type: none"> • I can explain the strengths and limitations of a few past, current, OR possible future contributions of space probes OR human spaceflight that support living and working in the inner solar system. 	<ul style="list-style-type: none"> • I can explain the strengths and limitations of a few past, current, OR possible future contributions of space probes AND human spaceflight that support living and working in the inner solar system. 	<ul style="list-style-type: none"> • I can explain the strengths and limitations of several past, current, AND possible future contributions of space probes AND human spaceflight that support living and working in the inner solar system. 	<ul style="list-style-type: none"> • I can compare the strengths and limitations of several past, current, AND possible future contributions of space probes AND human spaceflight that support living and working in the inner solar system.
Comments				