

Solar System Rubric

Name:

Date:

Group:

	4	3	2	1	0	Points
<p>Results: Activity 1 (Coordinates)</p>	<p>Creates a reasonable cylindrical model of the Earth, identifies two similarities and differences between that model and a globe, and evaluates the model's representation of the Earth.</p> <p>Creates an accurate map of the stellar data with appropriate labels, and identifies the graph as a star pattern.</p>	<p>Creates a reasonable cylindrical model of the Earth, identifies one similarity and difference between that model and a globe, and evaluates the model's representation of the Earth.</p> <p>Creates an accurate map of the stellar data with appropriate labels.</p>	<p>Creates a reasonable cylindrical model of the Earth, and evaluates the model's representation of the Earth.</p> <p>Creates a map of the stellar data without labels, or with a few minor errors.</p>	<p>Creates a cylindrical model of the Earth with some errors.</p> <p>Creates a map of the stellar data without labels and/or with significant errors.</p>	<p>Makes little or no effort, or produces unrecognizable results.</p>	
<p>Results: Activity 2 (Mapping the Solar System)</p>	<p>Uses the online Search Form to gather data, and justifies each choice made in the tool.</p> <p>Generates at least three asteroid maps.</p> <p>Creates a reasonable cylindrical model of the sky, and accurately explains what you would see looking out from Earth in the center.</p>	<p>Uses the online Search Form to gather data.</p> <p>Generates two asteroid maps.</p> <p>Creates a reasonable cylindrical model of the sky, and accurately explains what you would see looking out from Earth in the center.</p>	<p>Uses the online Search Form to gather data, with some teacher assistance.</p> <p>Generates one asteroid map.</p> <p>Creates a reasonable cylindrical model of the sky and gives a thoughtful but inaccurate hypothesis of what you would see looking out from Earth in the center.</p>	<p>Uses the online Search Form to gather data, with significant teacher assistance.</p> <p>Generates one asteroid map.</p> <p>Creates a reasonable cylindrical model of the sky.</p>	<p>Makes little or no effort, or produces unrecognizable results.</p>	

<p>Results: Activity 3 (Earth, Sun, and Seasons)</p>	<p>Accurately and clearly labels the celestial equator, the place where the Earth is in each season, and the Northern and Southern Hemispheres.</p> <p>Measures the angle of the ecliptic to within 5 degrees.</p> <p>Explains how the ecliptic angle explains the seasons.</p>	<p>Accurately labels the celestial equator, the place where the Earth is in each season, and the Northern and Southern Hemispheres.</p> <p>Measures the angle of the ecliptic to within 10 degrees.</p> <p>Explains how the ecliptic angle explains the seasons.</p>	<p>Labels the celestial equator, the place where the Earth is in each season, and the Northern and Southern Hemispheres, with a few minor errors.</p> <p>Measures the angle of the ecliptic to within 15 degrees.</p> <p>Gives a thoughtful but inaccurate hypothesis for the relationship between the ecliptic and the seasons.</p>	<p>Labels the celestial equator, the place where the Earth is in each season, and the Northern and Southern Hemispheres, with significant errors.</p> <p>Measures the angle of the ecliptic to within 25 degrees.</p> <p>Gives a thoughtful but inaccurate hypothesis for the relationship between the ecliptic and the seasons.</p>	<p>Makes little or no effort, or produces unrecognizable results.</p> <p>Fails to explain any relationship between the ecliptic and the seasons.</p>	
<p>Group Participation</p>	<p>Initiates identifying group roles.</p> <p>Accepts responsibility for assigned role.</p> <p>Invites contributions from others.</p> <p>Disagrees respectfully. Shares decision-making.</p>	<p>Accepts responsibility for assigned role.</p> <p>Invites contributions from others.</p> <p>Disagrees respectfully. Shares decision-making.</p>	<p>Attends to the discussion but does not participate much.</p> <p>Responds to others' questions but does not volunteer opinions.</p> <p>Does not detract from the functioning of the group.</p>	<p>Is uninvolved unless directly asked for an opinion.</p> <p>Makes irrelevant or distracting statements.</p>	<p>Is uninvolved, even when asked for an opinion.</p> <p>Makes a personal attack.</p>	

Total Points _____

A	7 - 8 total points	D	4 total points (at least 1 from group participation)
B	6 total points	F	0 - 3 total points
	5 total points		