

Earth, Sun, Moon Single Point Rubric

Category	Detail	1	2	3	4	Feedback
Experiencing Day and Night	Student model clearly explains why people on Earth experience day and night. Strong evidence is provided to support ideas.					
Daily Changes in Shadows	Student model clearly explains patterns in daily changes in length and direction of shadows over a day. Strong evidence is provided to support ideas.					
Changes in Position Over Time	Student model clearly explains changes in the apparent position of the sun, moon, and constellations at different times during a day, over a month, and over a year. Strong evidence is provided to support ideas.					
Explanation of Earth, Sun, Moon as Spheres	Student model clearly explains that the Earth, Sun, and Moon are all spheres. (NOTE: The use of the vocabulary word sphere is required. Student should not substitute ball or circle.)					
Model of Orbits	Student model clearly demonstrates the orbits of the Earth around the Sun and of the Moon around Earth					
Earth's Rotation on its Axis	Student model clearly demonstrates the Earth's rotation around its axis.					
Presentation Skills	Student was a strong team member. Daily goals were set and individual responsibilities were met with no reminders from the team or teacher.					

1 = standard not met; 2 = standard partially met; 3 = standard met; 4 = exceeds expectations