

"A Model of Our Solar System"

Project and Rubric

We began our unit on the Solar System about a month ago. For this project, students will take their knowledge of our solar system and create a 2 or 3-dimensional model of it. The Sun, planets, and the asteroid belt should be in the correct order and be relatively proportioned to each other (example: Mars should not be bigger than Jupiter). The sun and the asteroid belt should be included as part of the solar system. The Sun, planets, and the asteroid belt should be clearly labeled in some way. This is a project meant to not only see how students view the solar system, but to also showcase their creativity. Students are encouraged to use color and to get creative while learning. This project is worth 21 points and is due January 5th. Each student will have to present their project to the class, so they should come prepared to discuss how their solar system model was created and be able to discuss each planet. Students may use index cards or notes to assist them with their facts.

	Poor	OK	Great
Creativity and Neatness	Very little or no creativity. Not neat.	Some thought has been put into the project. There is some color, and the Sun, planets, and asteroid belt are close to their correct colors. Neatness not a priority.	There are large amounts of creativity. All planets, the Sun, and the asteroid belt have their correct colors and imagination has been used when designing the solar system model. Very neat.
Planets, sun, and asteroid belt are clearly labeled.	No labels are present, very difficult to find, and/or difficult to read.	Labels are present, but they are difficult to find or handwriting could have been improved.	Labels are clearly present, easy to read, and attractive.
Planets, sun, and asteroid belt are in the correct order.	The Sun, planets and/or asteroid belt are not in the correct order or many are out of place.	The Sun, one or two planets and/or asteroid belt are out of order.	The Sun, all planets and the asteroid belt are in the correct order.
Planets, sun, and asteroid belt are proportioned correctly.	The Sun, planets, and the asteroid belt are not correctly proportioned (at least 3 mistakes).	The proportions are close but there are 1-2 mistakes.	Planets and asteroid belt are correctly proportioned.
Planets, sun, and asteroid belt are represented.	The Sun and/or two or more planets and/or the asteroid belt are missing.	The Sun, one planet and/or the asteroid belt are missing.	All planets and the asteroid belt are represented.
Interesting fact (not found in our book) stated about each planet, the Sun, and the asteroid belt.	Two or more planets, the Sun, and/or the asteroid belt are missing information.	The Sun, one planet and/or the asteroid belt are missing information, or shared information found in the book.	All planets and the asteroid belt are represented with an interesting fact (not found in our book).
Presentation	Student was not able to discuss any details about his/her project. Student was unable to recall any facts about any planets or the solar system.	Student was able to discuss some details about his/her project. Student was only able to recall a few facts about a few planets and the solar system.	Student was able to discuss details about their project. Student is able to present facts about each planet and the asteroid belt in the solar system with clarity.