

This Rubric addresses the following 6th Grade Science Standards:

STANDARD II: Students will understand how Earth's tilt on its axis changes the length of daylight and creates the seasons.

Objective 1: Describe the relationship between the tilt of Earth's axis and its yearly orbit around the sun.

- a. Describe the yearly revolution (orbit) of Earth around the sun.
- b. Explain that Earth's axis is tilted relative to its yearly orbit around the sun.

Objective 2: Explain how the relationship between the tilt of Earth's axis and its yearly orbit around the sun produces the seasons.

- a. Compare Earth's position in relationship to the sun during each season.
- d. Use a drawing and/or model to explain that changes in the angle at which light from the sun strikes Earth, and the length of daylight, determine seasonal differences in the amount of energy received.

Purpose of assignment: Have students research the reasons for the seasons and produce posters to demonstrate what they have learned.

Reason for the Seasons Posters

Student Name: _____

CATEGORY	4	3	2	1
Required Elements	The poster includes all required elements as well as additional information.	All required elements are included on the poster.	All but one of the required elements is included on the poster.	Several required elements were missing.
Content - Accuracy	All the facts are accurate at a level above requirements as determined by the teacher.	All the facts on the poster are accurate.	Most of the facts on the poster are accurate.	Few of the facts on the poster are accurate.
Attractiveness	The poster is exceptionally attractive in terms of design, layout, and neatness.	The poster is attractive in terms of design, layout, and neatness.	The poster is acceptably attractive though it may be a bit messy.	The poster is distractingly messy or very poorly designed. It is not attractive.
Mechanics	Capitalization and punctuation are correct throughout the poster.	There is one error in capitalization or punctuation.	There are two errors in capitalization or punctuation.	There are more than two errors in capitalization or punctuation.