

Moon Phase Poster Project

On a sheet of 12" x 18" construction paper, draw a model of the Moon-Earth-Sun system similar to the drawing on page 308 in your textbook, positioned on the page as shown below. The model should show the Earth in the center of the page, with the edge of the Sun on the right side of the page. The Earth should be surrounded by eight small inner Moons, one for each of the positions of the eight moon phases, each shaded to show how the Moon would look from space above the North Pole of Earth. This inner circle should not be more than $\frac{1}{2}$ of the height of the paper. An outer ring of eight larger Moons, shaded as each Moon phase appears from Earth, should fill up the rest of the page height, as shown below. The name of each Moon phase should be labeled. The grading will be based on the completeness, neatness and accuracy of the poster. Black should be used to represent the shaded parts of the Moon, and white or yellow should be used to show lit parts of the Moon.

Completed poster is due at the beginning of class on Tuesday, January 29, 2008. Your name and period should be on the back of the poster.

