

Name _____

MODELING MOON PHASES

Problem: To create an accurate model of the Earth – Moon system and the phases of the moon.

Materials:

8 crème – filled chocolate cookies

Earth-Moon system placemat

Procedure:

1. Use the cookies to make models of these phases of the moon:
 - a. New moon
 - b. Waxing crescent
 - c. First quarter
 - d. Waxing gibbous
 - e. Full moon
 - f. Waning crescent
 - g. Last or third quarter
 - h. Waning gibbous
2. Put the cookie models in the correct position in relation to the Earth and Sun.
3. Have your teacher check your model.
4. Draw and label the correct moon phases on the back of this sheet.

