

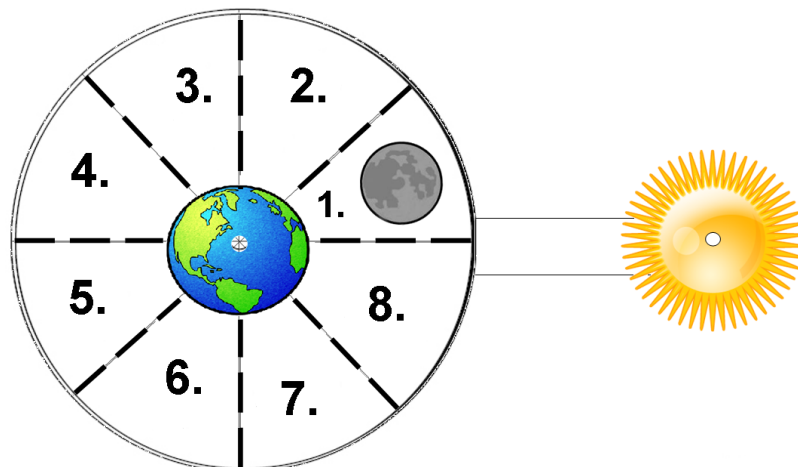
Phases of the Moon Wheel Review

Read the information provided and decide to use Option 1 or Option 2.

Option 1: Print out both pages of the wheel model. Use card stock if possible.

Steps:

1. One circle wheel has an earth in its center. For future reference, this wheel will be called the earth wheel. Another circle wheel has moon phases. This wheel will be called the moon phase wheel. Cut out both circle wheels.
2. Cut out the Sun image [just cut it out as a circle].
3. Cut out the connecting strip.
4. Take the earth wheel [has an earth in the center with the large numbers divided by large dotted lines]. Cut the dotted lines, but do not cut into the earth. By the end you should have 8 foldable flaps.
5. Using the moon phase wheel, locate the moon phase with the number 1. On the back of the **earth wheel**, write the correct name of the phase on the back side of the number 1 flap. For example, the moon phase with a number 1 beside it is the New Moon phase. On the back of the flap with a number 1 on the earth wheel, you would write New Moon. Follow these steps for each of the moon phases shown.
6. Using a brass brad, connect the sun image to the connecting strip at one of the spots labeled X.
7. Put the earth wheel on top of the moon phase wheel. Connect the two wheels and the opposite "X" spot of the connecting strip together. Your model should look similar to the diagram below.



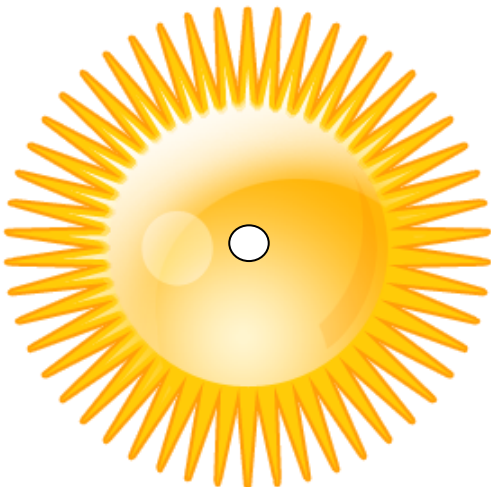
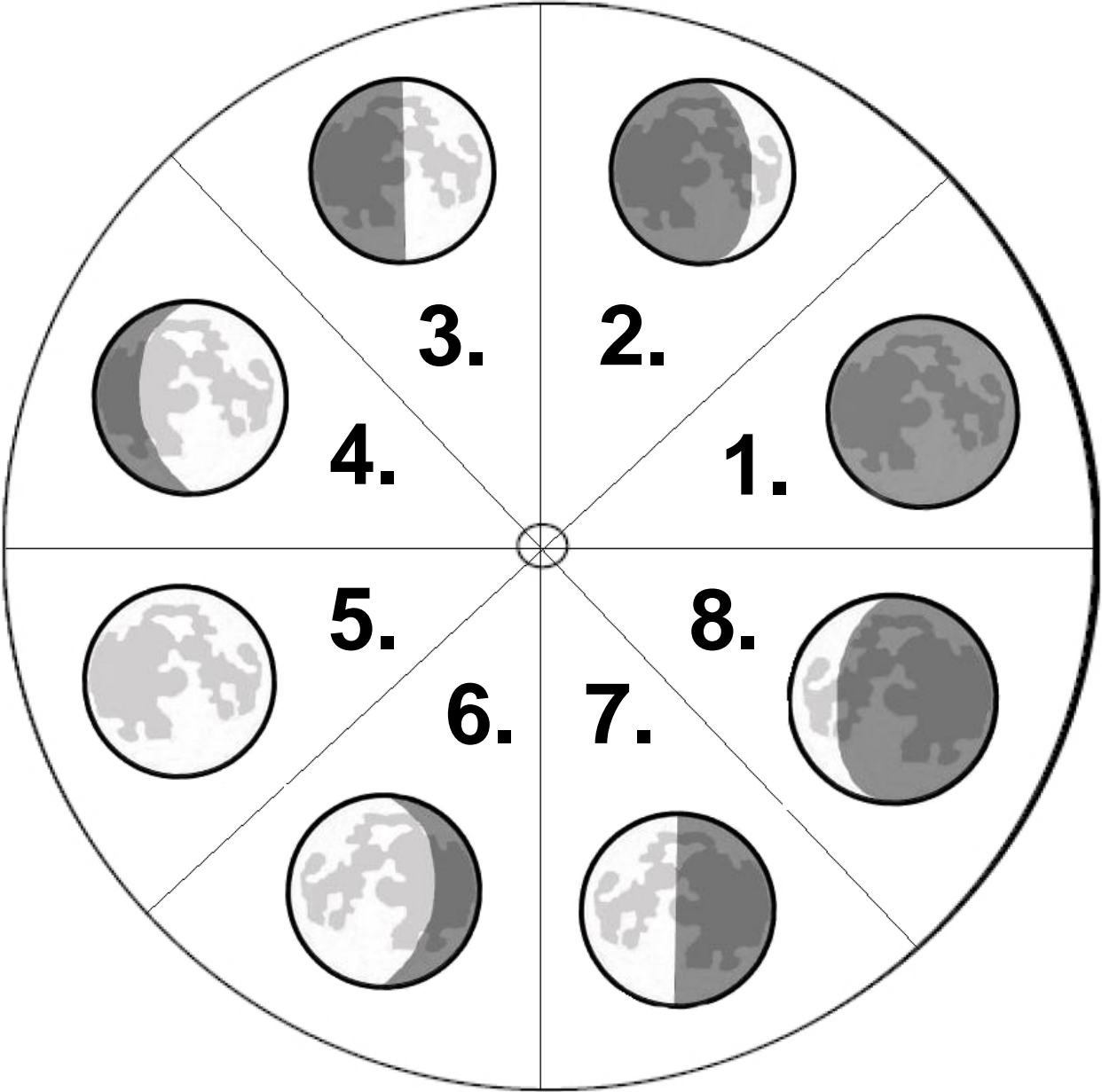
Phases of the Moon Wheel Review

8. Align the numbers on your earth wheel on top to the numbers on the moon phase wheel below. Then move the sun to different locations to review and quiz yourself on the different moon phases. It is not necessary to be able to identify the name with the phase. Rather, the intent of the standard is to identify the type of moon phase when the earth, sun, and moon are aligned in different positions.

Option 2:

- Print out the first sheet with the Sun and Moon Phase Wheel. Use card stock if possible.
- Print out the Moon Phase Cover Wheel. Use card stock if possible.
- Using a brass brad, put the Moon Phase Cover Wheel on top of the Moon Phase Wheel.
- Students can then use the model to review the position of the sun, earth, and moon during various phases of the moon.

Phases of the Moon Wheel Review Option 1

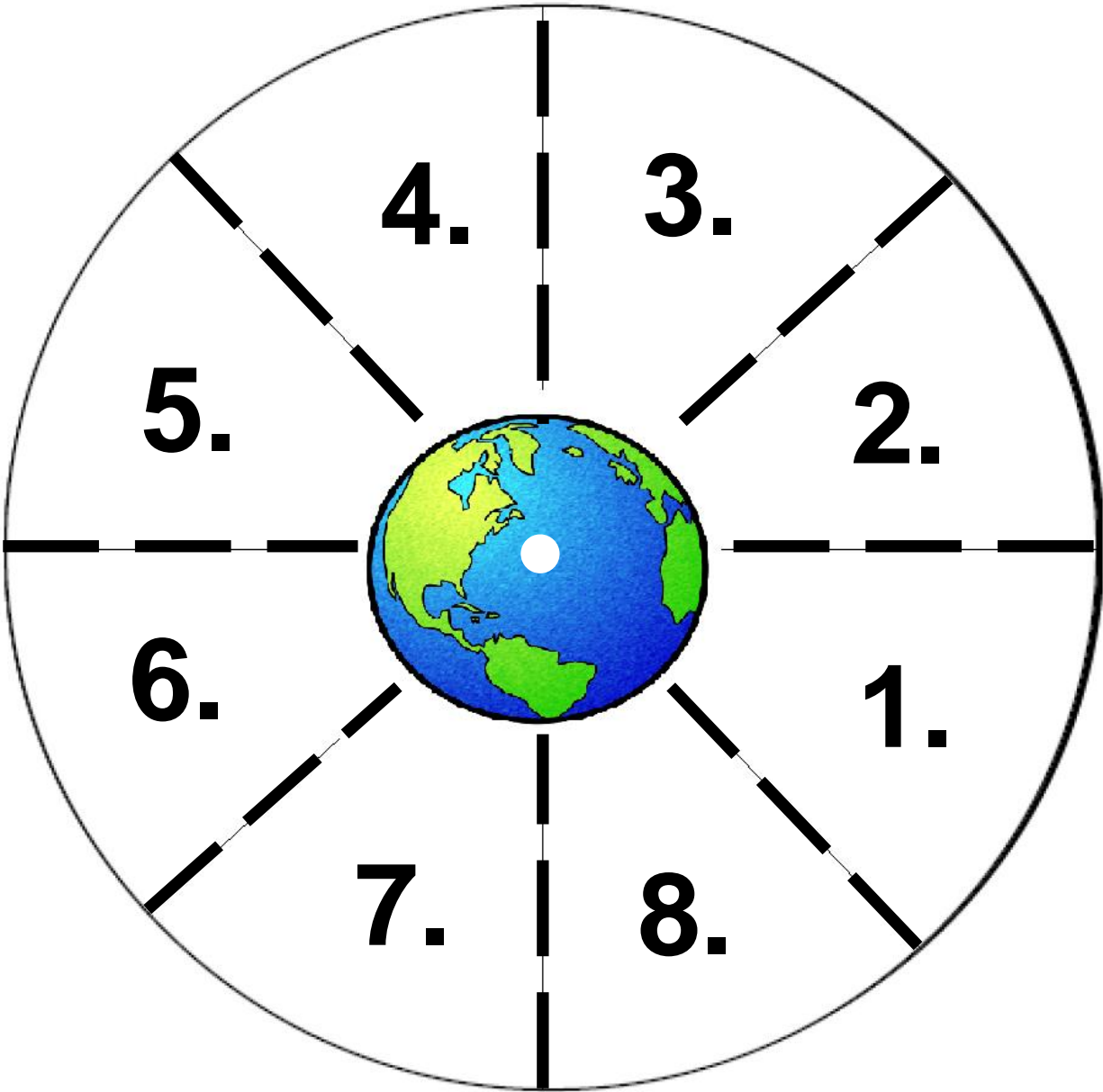


Phases of the Moon Wheel Review Option 1

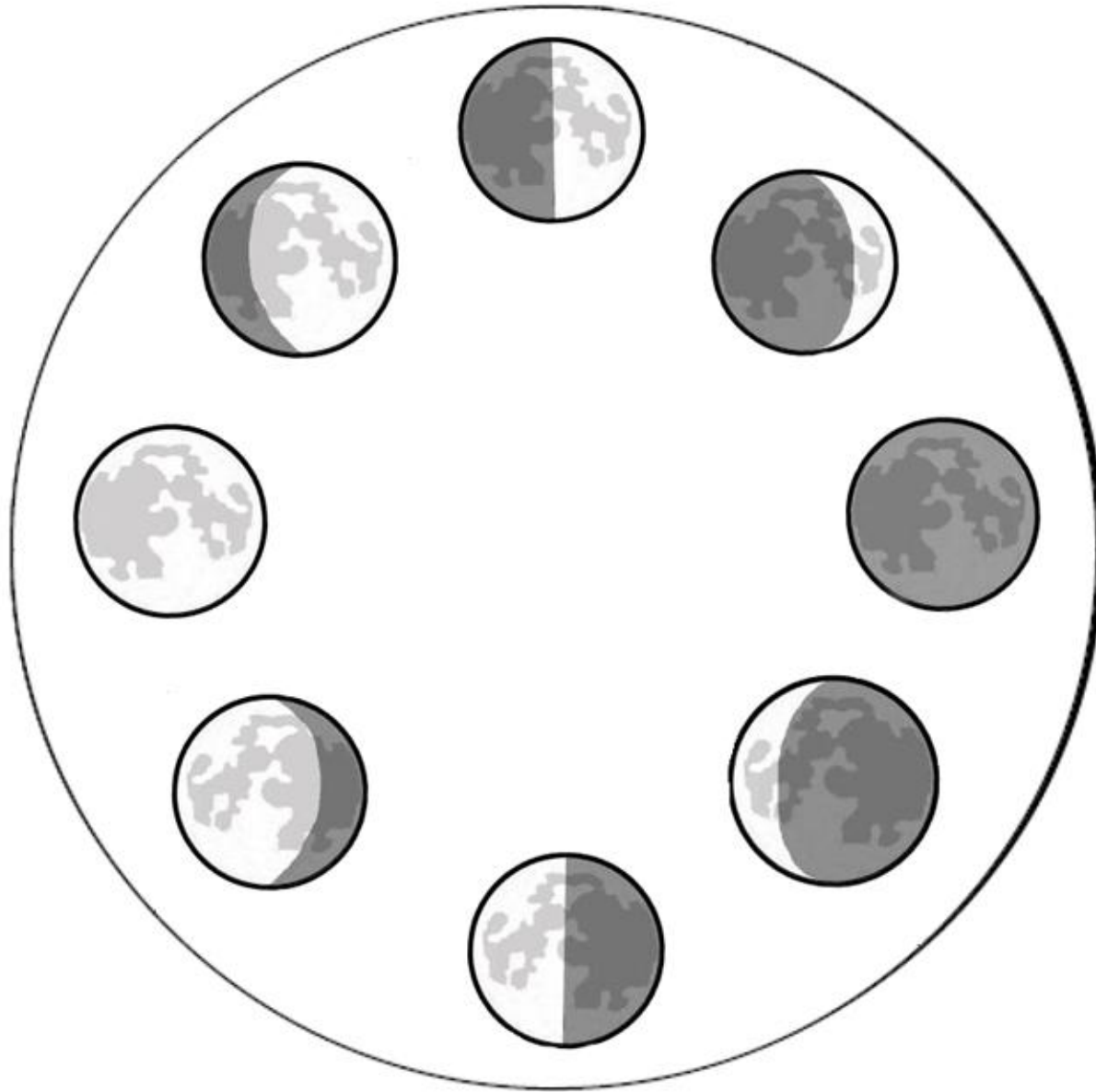
X

X

Connecting Strip



Phases of the Moon Wheel Review Option 2



Phases of the Moon Wheel Review Option 2

