

Title: Moon Phase Line Up

Objective: Practice the order of the moon phases

Time: 10 minutes

Materials Needed: One set per 8 students of the Moon Phase Cards (Blackline Master on CD); for reference, a chart with the moon phases.

Directions:

1. Divide students into teams of 8 members. For each team, place 8 chairs in a line. Have each student sit on a chair. If there is an odd amount of students, a student could distribute the phase cards to teams.
2. Mix the *Moon Phase Cards* and place them upside down on the floor next to each seated team member. To easily collect the cards following the activity, you could color code each team set of *Moon Phase Cards*.
3. The teacher or another student will act as the timer.
4. On 'go' each team turns over their *Moon Phase Cards*.
5. Instruct students to select one card and correctly line up in order of the phases of the moon, starting with the new moon phase.
6. When a team finishes, they will need to sit down on their chairs in the correct order. The timer will write down the times in which teams finish.
7. The checker (an extra student or teacher) will check the orders to make certain that they are correct.
8. The team that correctly identified the moon phases in the least amount time is awarded a point or wins.

Discussion Questions:

1. What part of this activity was difficult or easy for you? For your team?
2. Why is it important to know the phases of the moon? How can a person remember the phases of the moon?

Variation:

1. Instruct students to do this activity with no verbal communication.

Activity

Suggested Season: Any

Suggested Grade Level: 1-2

Indoors or Outdoors: Either

Theme: Astronomy

Topic: Moon Phases

Standards Addressed:

Science: 0.3.2.2.1.; 2.1.1.2.1.; 3.3.3.1.2.; 8.3.3.1.5.

Language Arts: K.I.B.; K.II.B.; K.III.A.; 1.III.B.1.; 2.III.A.; 3.I.B.1.; 3.III.A.2.; 4.I.B.1.; 5.I.B.; 5.III.A.1.; 5.III.A.3.; 5.III.A.4.

Math:

Social Studies:

Background Information:

- There are 8 phases of the moon: *new moon, waxing crescent, first quarter moon, waxing gibbous moon, full moon, waning gibbous moon, last/third quarter moon, waning crescent moon, new moon (starts again).*



Additional Resources:

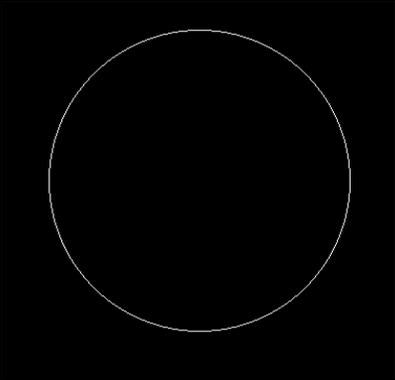
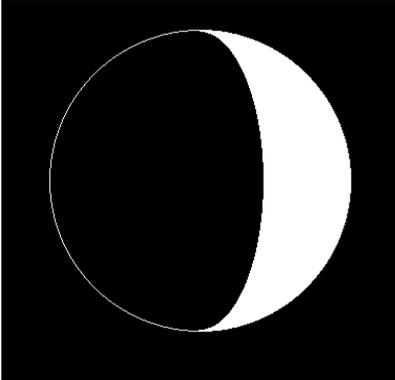
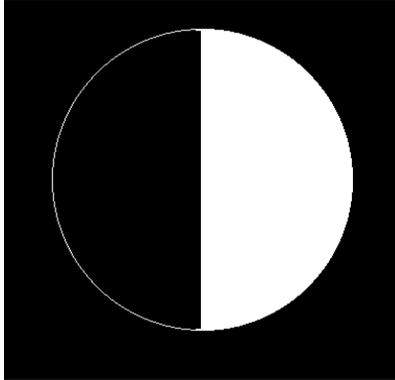
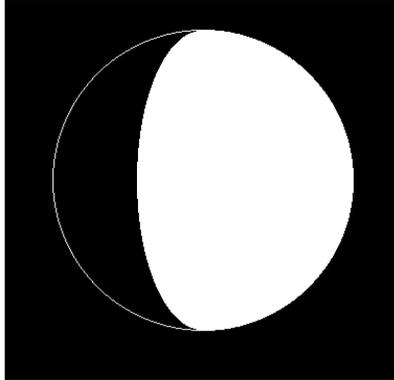
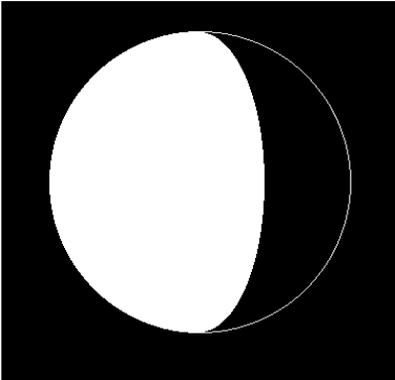
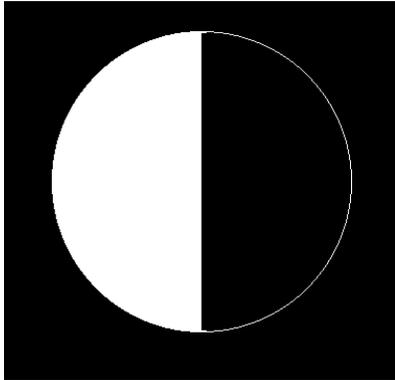
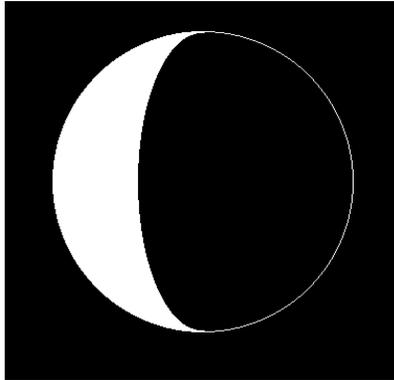
- <http://www.enchantedlearning.com/subjects/astronomy/moon/Phases.shtml>

The above chart can be found at this website. It may be helpful to show students when doing this activity.

Correlates with:

Greeting - Moon Puzzle

News and Announcements - Moon Phase Illustrator

			
New Moon	Waxing Crescent	First Quarter Moon	Waxing Gibbous
			
Full Moon	Waning Gibbous	Last Quarter Moon	Waning Crescent