

Moon Phase Activity

Print a copy the Moon Phase Book. You will also need two and a half manila folders, a 3 ½" x 7 ½" piece of a manila folder, and two ¾" spiral notebook rings.

You and your team members will be provided with 6 balls: one large yellow ball for the Sun, a blue ball for the Earth, and 4 smaller balls, half white and half black for new, 1st quarter, full, and 3rd quarter Moon phases.

1. Practice using the Lunar Phase Simulator.
2. Using the 6 Styrofoam balls, demonstrate the correct positions of new, 1st quarter, full, and 3rd quarter Moon phases relative to the Earth and the Sun.
3. Once you and your team members have established the correct layout, ask your instructor to check your positions in order to receive credit for this activity.
4. Fold the 3 ½ x 7 ½ manila folder along its length at 3 ½, 4, and 4 ½ inches to create a cover for your Moon Phase Book.
5. Cut the Moon Phase images along the dark black lines and punch holes at the Xs, then assemble your book using the cover and spiral notebook rings.