



Construction Instructions

- 1) Print on both sides of paper and laminate or print on heavier paper. Center image before printing.
- 2) Cut along outlines of windmill shape.
- 3) Poke out holes for stars using a push-pin.
- 4) Fold up along grey dashed lines.
- 5) Tape along edges with clear tape.

Viewing Instructions

- 1) Look in from below to see constellations.
- 2) In small darkened room, shine mobile phone LED torch light in from below to see stars on ceilings and walls.

More information and files at Globetarium.com and [Facebook.com/Globetarium](https://www.facebook.com/Globetarium).

Sun, Moon and visible planet positions on Dec. 15th and their progress during December

The Sun appears to move 1/12th the way around the ecliptic each month as the Earth orbits the Sun, while the Moon appears to circle the ecliptic each month as it orbits the Earth. Visible planets move at different speeds based on their own and Earth's orbits. The entire ecliptic appears to spin once every day as Earth spins.

Facing South after sunset with sun having set to your right (West) and the North Star above and behind you, Mars is in front of you to the right and the Great Square is overhead, Orion and Taurus are rising in the East.

Facing South six hours after sunset, Mars and Taurus are in front of you to your right. Orion is setting in the West to your right. Orion to your left.