

JR ENGINEERS

ECLIPSE MODEL

Build a model to learn about the solar and lunar eclipse.

INSTRUCTIONS

STEP 1: Use markers to paint the ping pong ball to resemble the earth.

STEP 2: Trim straws so that the two balls are at the same height and glue them to the craft stick.

STEP 3: Now glue each ball on top of each stick.

STEP 4: Shine your flashlight from each side of your model to show a solar and a lunar eclipse.

SUPPLIES

Ping pong ball
Marble
Flashlight
Straw
Craft stick
Hot glue
Scissors
Markers

ECLIPSE

A solar eclipse takes place when the Moon passes between the Earth and the Sun, blocking the Sun's light and casting a shadow on Earth.

This results in either a partial or total darkening of the Sun for observers in certain regions. On the other hand, a lunar eclipse occurs when the Earth comes between the Sun and the Moon, causing the Earth's shadow to fall on the lunar surface.



