

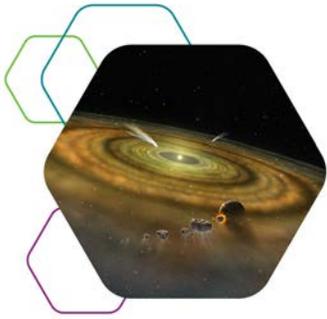
EXPLORING THE SOLAR SYSTEM

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# Solar Eclipse

Cast the Moon's shadow  
onto Earth!





# EXPLORING THE SOLAR SYSTEM

## Solar Eclipse

### Try this!



On a sunny day, you can make a model of an eclipse outside!

*Tip: You can also do this activity in a dim room, using a flashlight (instead of the Sun) as your light source.*



Hold the toy Moon and take two big steps back from the Earth ball. Position the Moon in between the light source and the big globe. Line up the Moon so it casts a shadow on the Earth.



Look carefully at the shadow. Are all parts of it equally dark? Does it cover the whole Earth?

Now try making the Moon's shadow move across the Earth. You're making a model of the path of a solar eclipse! During a real eclipse, what do you think people see when they look toward the Sun?