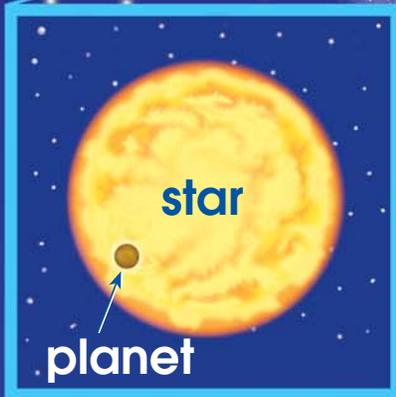




The Kepler Space Telescope



star

planet

space



Science says...
Kepler is a
telescope (tel-e-scope).

New Words

Kepler
space
planets
telescope

Kepler (Kep-ler) looks into space.
Kepler looks for planets (plan-ets).

Kepler
Telescope

planet

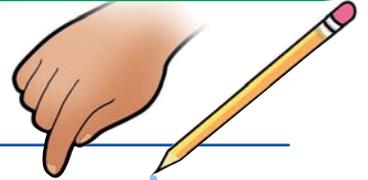
NOTE TO TEACHERS
and PARENTS:

(See directions in Teaching
Notes for all activities.)



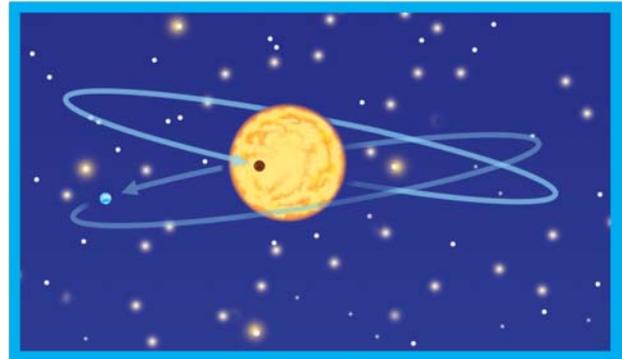
Vocabulary

Trace the words. Trace with your finger.
Trace with your pencil. Say the words.



Kepler

planets



Weekly Lab

A planet moves in front of a **star**.
The star's light **dims**. Kepler can see it. Can you?

Adult Supervision Recommended

ATTENTION TEACHERS: Please read
the Teaching Notes before
beginning this activity.

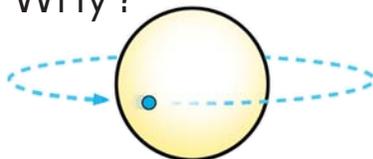
You need: modeling clay, string, a large white ball

Step 1: Make a planet
out of clay.

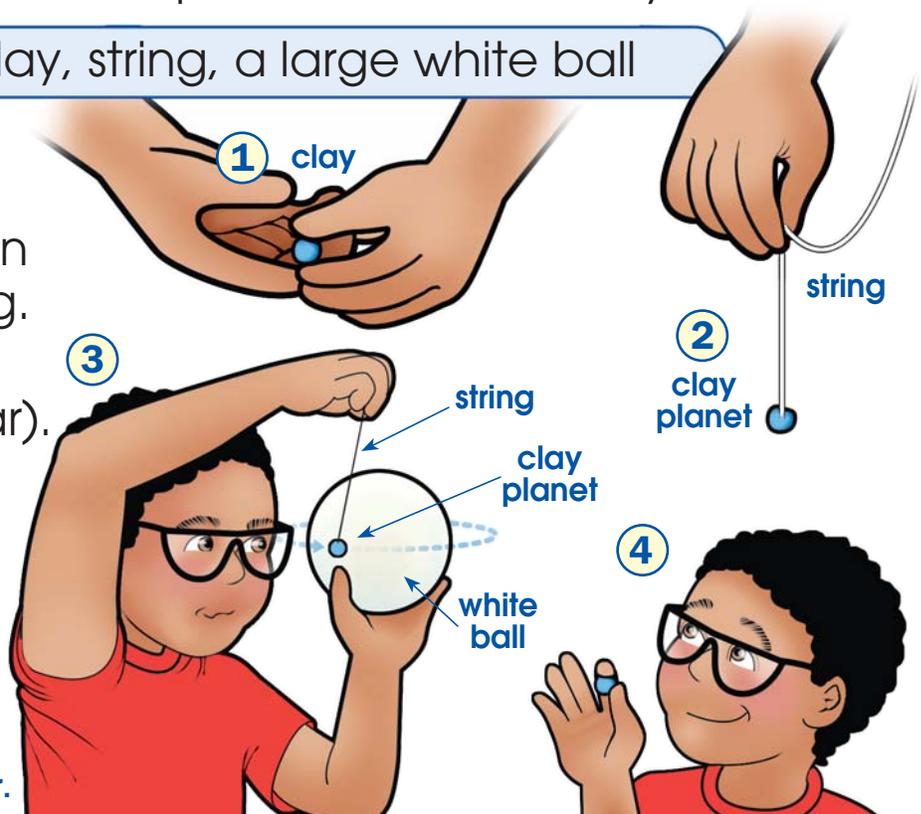
Step 2: Stick the planet on
the end of a string.

Step 3: Make the planet
circle the ball (star).

Step 4: What happens to
the star's light?
Why?



The planet moves in front of the star.

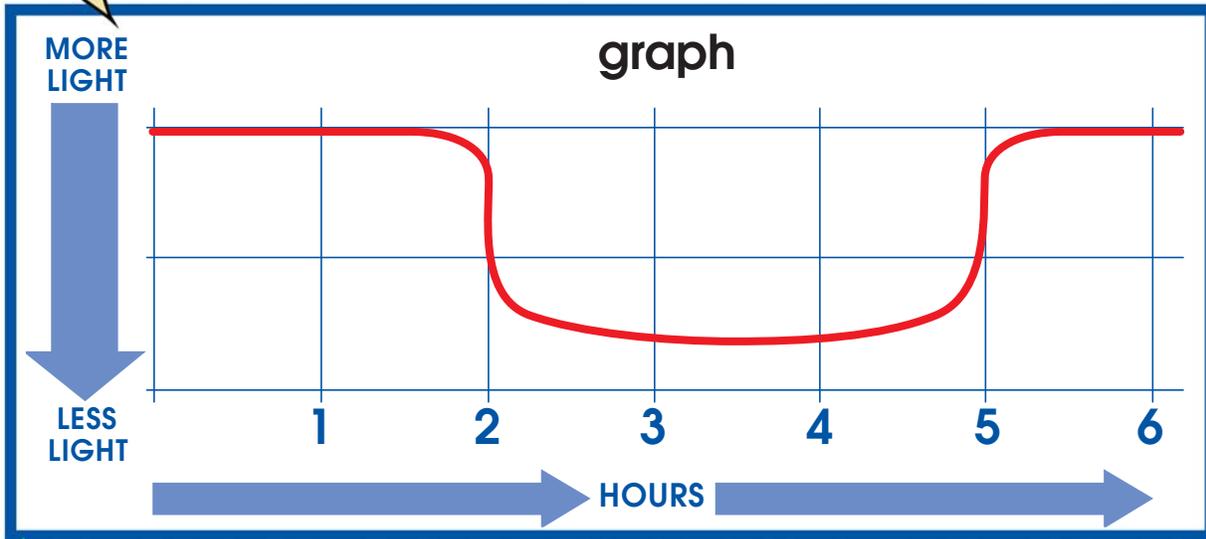
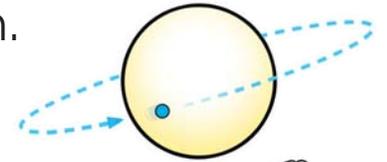


ATTENTION TEACHERS: Please read the Teaching Notes before beginning this activity.

Math

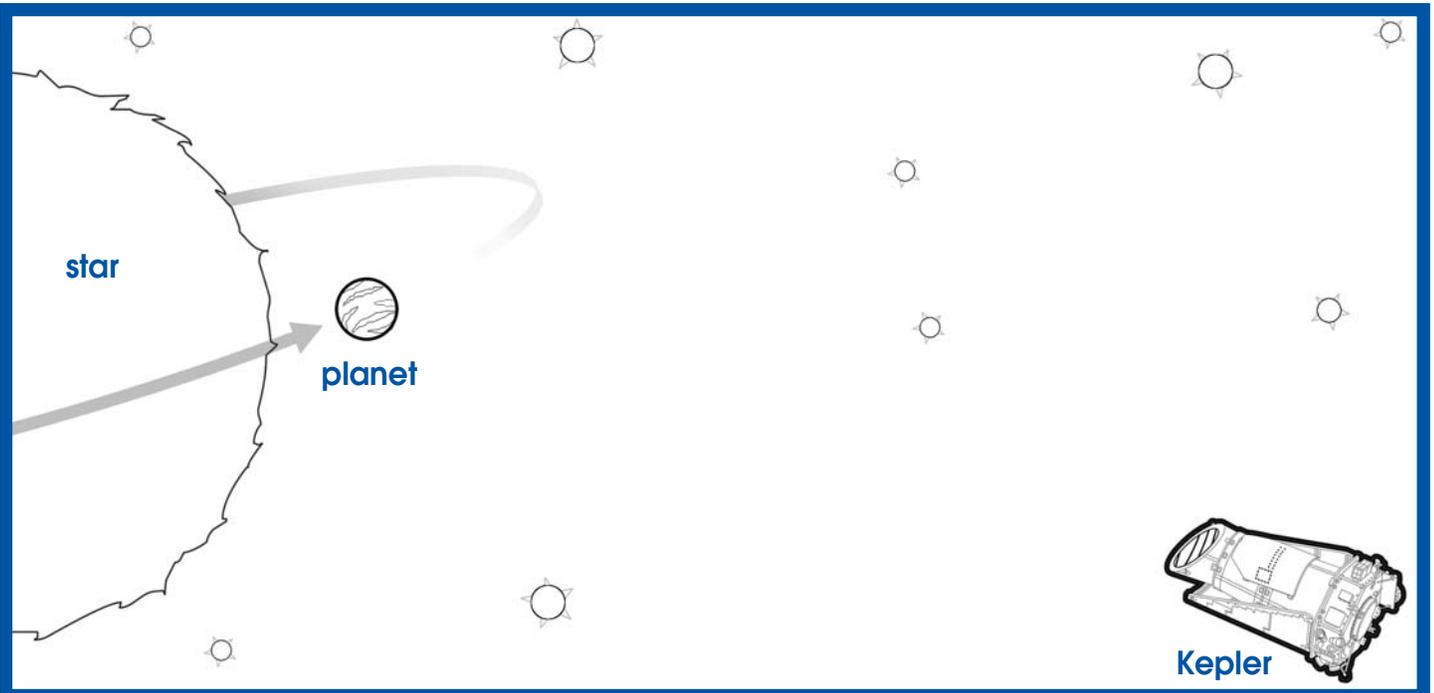
See the **graph**?

See the **red line**? The red line shows the star's light. Circle the red line where it goes down. The red line goes down when the planet moves in front of the star.



Storytelling

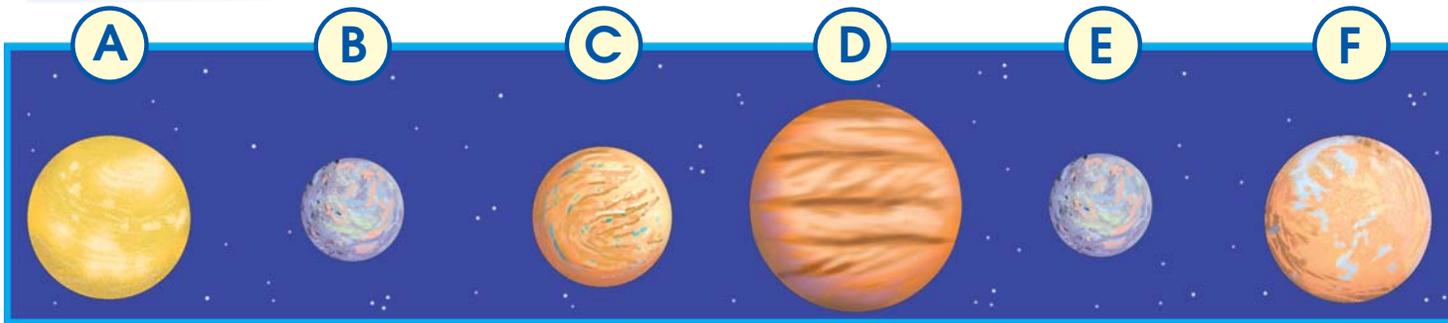
The planet is far. Color the picture. Tell a story about the picture to your class.





Challenge

Two planets are the same. Circle them.



Bringing It Home

Make a **model** (mod-el) of Kepler.

Adult Supervision Recommended

You need: cardboard tube, scissors, markers, glue or tape

