

Biology Bricks Activity

Telescopes

You can make your own telescope using these simple materials. It will help you to look up into the night sky and look at the stars.

You will need:

- *Two magnifying glasses*

Instructions

1. Select a distant object to view (such as a tree or building).
2. Close one eye and hold the magnifying glass lens near your open eye.
3. Look at the distant object through the lens. It might be blurry.
4. Hold the second magnifying lens in front of the lens held near your eye. Slowly move the second lens away from the first one until the distant object is no longer blurry.



Extension

Do some research and find the difference between a refracting telescope and a reflecting telescope. How are they alike? How are they different? What are the advantages of one over the other?