



# BitBots + Space Space Communication Telescopes

Grades k-3



+



# Space News

## Space Communication - Telescopes

### TELESCOPES ON EARTH

A **telescope** is a tool that astronomers use to see faraway objects. Most **telescopes**, and all large **telescopes**, work by using curved mirrors to gather and focus light from the night sky. The first **telescopes** focused light by using pieces of curved, clear glass, called lenses.

### SPACE TELESCOPES

In **space**, however, **telescopes are** able to get a clearer shot of everything from exploding stars to other galaxies. Another disadvantage for ground-based telescopes is that the Earth's atmosphere absorbs much of the infrared and ultraviolet light that passes through it. **Space telescopes can detect** these waves.



# How does your telescope look like?

We need to make a tool to find things in space  
we don't know of:

What will this tool look like?

How will it detect the special elements?

# What will your telescope look like?

