



CRITICAL SKILLS CHALLENGE "HUBBLE"

INFORMATION

If you can, begin by watching <https://www.youtube.com/watch?v=6F78PscbCqg>

Hubble is a space telescope. It is nearly the size of a big school bus. The telescope was named after the great American Astronomer Edwin Hubble. It runs on solar power. It can see faraway galaxies, but it cannot see the Sun and Mercury because the light may damage it. Hubble can be repaired in space by astronauts. The pictures it has taken as well as more information can be found here: https://www.nasa.gov/mission_pages/hubble/main/index.html

THE CHALLENGE

Your challenge is to create a model telescope from junk. You can make a model of Hubble, or you could make yourself a different kind of telescope. You should design your telescope first so that you can work to a plan. Your telescope design should account for some kind of moving part. This could be an extendible piece, a door, model solar panels that move or something else entirely. Be creative! Take a picture and share your efforts if you can.

Criteria	U	1	2	3	✓
My model telescope looks like the real thing.					
I have planned my model and used my plan to inform myself as I work.					
I have used recyclable materials.					
I have a movable part that I can demonstrate.					
I have shared my model via e-mail, the blog or on teams if I can.					