

Structures and Function of Optical Telescopes

ETS1.2 **Research and communicate information to describe how data from technologies (telescopes, spectrosopes, satellites, and space probes) provide information about objects in the solar system and universe.**

Instructions:

- Fold a piece of paper in half (hamburger style).
- On one half, you will create a model (diagram) showing the structure of a REFRACTING telescope. Include the:
 - PATHWAY of light through its lenses.
 - Label the eyepiece lens and the objective lens.
 - Written description of how it functions
- On the other half, you will create a model (diagram) showing the structure of a REFLECTING telescope. Include the:
 - PATHWAY of light through its mirrors and lens.
 - Label the eyepiece lens and the objective mirror.
 - Written description of how it functions
- On the front cover, write the function of an optical telescope (what do they do?)