

# CELESTRON FIRSTSCOPE TELESCOPE

**Warning: Never use the telescope to look directly at the sun. Permanent eye damage will result.**



Figure 1-1

1.	Focuser	6.	Arm
2.	Secondary (Diagonal) Mirror-- inside	7.	Tube End
3.	Optical Tube	8.	Primary Mirror -- inside
4.	Lock Nut	9.	Focus Knob
5.	Base	10.	Eyepiece

## How to Use the Telescope

- 1. Installing the Eyepiece:** The eyepiece (or ocular) is an optical element that magnifies the image focused by the telescope.
- 2. Pointing the Telescope:** The telescope is designed to be used on a table or other sturdy surface. Loosen the Lock Nut by turning it counterclockwise and hold the Tube End. Sight along the Optical Tube towards the object you want to find. Move the Tube End until you find the object you are searching for. Tighten the Lock Nut. You can leave the Lock Nut slightly loose and it will make it easy to make slight changes in any direction by moving the Tube End
- 3. Focusing:** To focus the FirstScope telescope, simply turn the focus knob located directly below the eyepiece. Turning the knob clockwise allows you to focus on an object that is farther than the one you are currently observing. Turning the knob counterclockwise from you allows you to focus on an object closer than the one you are currently observing.

## General Observing and Care Hints

1. If you wear glasses you may want to remove them when looking through the telescope.
2. Looking through window glass will result in poor images.
3. Looking across or over objects that are producing heat waves (asphalt parking lots on hot summer days or building rooftops) will result in poor images.
4. Hazy skies, fog, and mist can also make it difficult to focus when viewing terrestrially.
5. When not using the telescope, put the dust cover on, remove the eyepiece, insert the plug into the focus tube. If the telescope is very cold or dew covered, let it warm up or dry out before replacing the covers.
6. If the mirror or eyepiece gets wet with condensation, let it air dry. Do not use a paper towel or cloth to dry it.