

## Lesson 6-1 Vocabulary

- **Astronomy**- the scientific study of the universe.
- **Galaxy**- a collection of stars, dust, and gas bound together by gravity.
- **Astronomical Unit**- the average distance between the Earth and the sun; approximately 150 million kilometers. Symbol: AU
- **Electromagnetic Spectrum**- all of the frequencies or wavelengths of electromagnetic radiation.
- **Telescope**- an instrument that collects electromagnetic radiation from the sky and concentrates it for better observation.
- **Refracting Telescope**- a telescope that uses a set of lenses to gather and focus light from distant objects.
- **Reflecting Telescope**- a telescope that uses a curved mirror to gather and focus light from distant objects.