

## SECTION

## 1.2

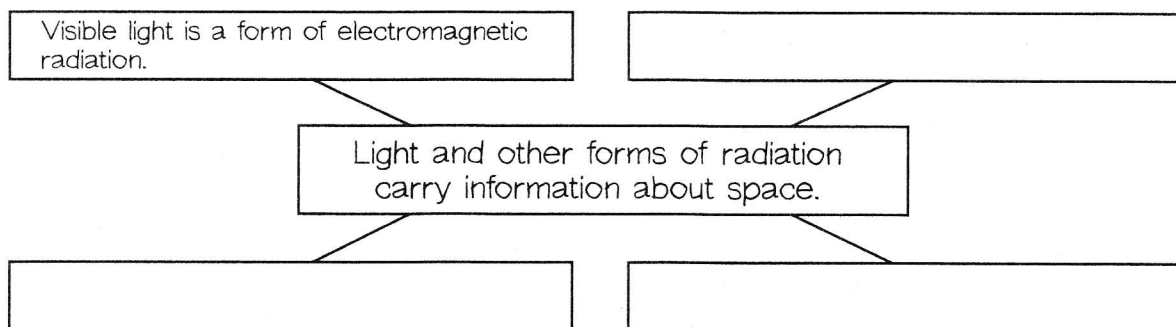
TELESCOPES ALLOW US TO STUDY SPACE FROM EARTH.

**Reading Study Guide****BIG IDEA** People develop and use technology to explore and study space.**KEY CONCEPT** Telescopes allow us to study space from Earth.**Review**

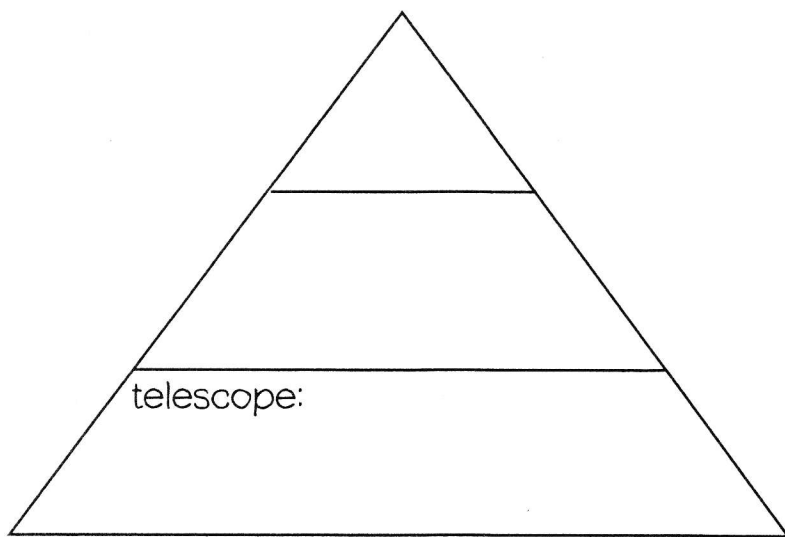
Objects in the universe are grouped together in different ways.

**Take Notes****I. Light and other forms of radiation carry information about space.**  
(p. 15)

1. Fill in the main-idea web for the main idea shown.

**II. Astronomers use telescopes to collect information about space.**  
(p. 17)

2. Fill in the word triangle diagram for
- telescope*
- .



**A. Visible Light, Infrared, and Ultraviolet Telescopes (p. 17)**

3. Describe why powerful telescopes are built on mountaintops in rural areas.

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**B. Radio Telescopes (p. 18)**

4. What are the differences between a radio telescope and a visible light telescope?

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**C. Telescopes in Space (p. 18)**

5. Fill in the main-idea web for the main idea shown.

