

How Does Technology Help Us Learn About Space?

Science Words

Say each word quietly to yourself. Then read the meaning.

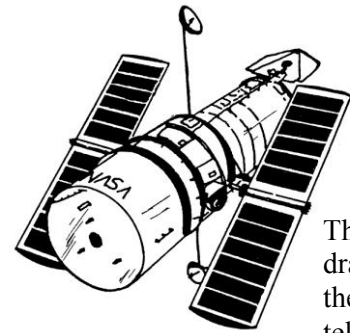
Read the tip to help you remember.

telescope [TEL•uh•skohp] a tool that uses lenses to make faraway objects appear closer and larger

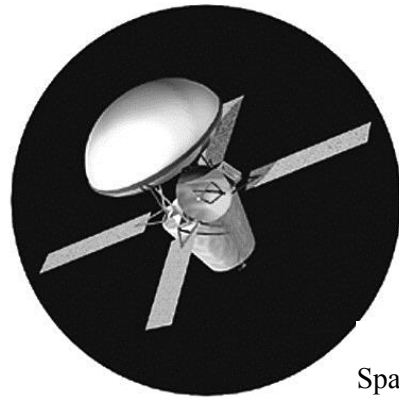
Telescope and *television* begin with *tele-*. Both words name things that make faraway objects appear closer.

space probe [SPEYS PROHB] vehicles that move through space, but are controlled from Earth

A *probe* is a tool used to explore and investigate. A dentist may use a probe to examine a patient's teeth. Scientists use *space probes* to explore distant places in space.



This is a drawing of the Hubble telescope



Space probe

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Science Concepts

Read the Ideas more than once. Do your best to remember them.

1. Early astronomers believed that Earth was the center of the universe.
2. The telescope, invented in the 1600s, let Galileo and other astronomers observe objects in space.
3. By the early 1600s, astronomers knew that Earth revolved around the sun.
4. In 1969 Neil Armstrong was the first person to set foot on the moon.
5. Today astronauts live on the International Space Station, a giant space lab orbiting Earth.
6. The Hubble Space Telescope, which orbits Earth, takes pictures of faraway galaxies.
7. In 1976, *Viking I* was the first space probe to successfully land on Mars.
8. Rockets are built and launched from the Kennedy Space Center in Florida.
9. Florida is a good place for launching rockets, because of its fair weather.
10. Scientists originally developed cordless power tools and other products we use every day for the space program.