

# Research a Piece of Technology

Name: *EXAMPLE*

**Directions:** Use your resources to research a piece of technology that you find interesting, but don't know much about. Complete the diagram with facts that you find. Make sure to write in your own words and put quotation marks around direct quotes. Credit each source that you use and the people who said direct quotes. Feel free to change the headings as you see fit for your topic. This page must be turned in for the research portion of your project.

## What is it?

- *Reflecting telescope*
- *Records information within visible, ultraviolet, and infrared light spectrum*

## History

- *Orbits 370 miles above Earth*
- *Building began in 1977 by NASA*
- *Named after scientist Edwin Hubble*
- *Placed in space by Discovery Space Crew*

## TOPIC

*Hubble Space Telescope*

## How does it work?

- *Cameras view distant celestial objects*
- *High resolution images are produced*
- *Spectrograph deconstructs chemical make-up*

## How has it contributed to our lives?

- *Aided in finding that the universe is 13.7 billion years old*
- *Scientists have viewed stages of forming planets*
- *2011 Nobel Peace Prize Expanding*

## Other Interesting Facts!

- \* *Edwin Hubble discovered that the Earth was expanding*
- \* *Scientists were able to view the birth of a star using the Hubble Telescope*

# Sources

**Directions:** Keep track of where your information came from using the table below. If some information is not provided, skip it.

An example is given for you.

Author / Authors Last name, First name	Title of article or book	Title of Encyclopedia, Magazine, Dictionary, or Almanac	Volume or Edition	Publisher	Year of Publication	Date Accessed OR Page numbers	URL
Example	Hubble Space Telescope	Compton's by Britannica	Encyclopedia Britannica Online School Ed.	Encyclopedia Britannica, Inc.	2012	7 Nov. 2012	<a href="http://www.school.eb.com/comptons/article-9544803">http://www.school.eb.com/comptons/article-9544803</a>
	Educational Spacewalk Simulation STS-125 Overview	NASA		NASA	2012	12 Nov. 2012	<a href="http://www.nasa.gov/audience/foreducators/spacesuits/simulation/sim_ESS-STS125_508.html">http://www.nasa.gov/audience/foreducators/spacesuits/simulation/sim_ESS-STS125_508.html</a>
	Edwin Powell Hubble	Columbia Encyclopedia		Encyclopedia Britannica Inc.	2012	8 Nov. 2012	<a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=umh&amp;AN=IXBHubble-E&amp;site=src-live">http://search.ebscohost.com/login.aspx?direct=true&amp;db=umh&amp;AN=IXBHubble-E&amp;site=src-live</a>
	Hubble Space Telescope	Comptons by Britannica	Online School Edition			8 Nov. 2012	<a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=umh&amp;AN=IXBHubble-E&amp;site=src-live">http://search.ebscohost.com/login.aspx?direct=true&amp;db=umh&amp;AN=IXBHubble-E&amp;site=src-live</a>
	Hubble Survey Finds Missing Link in Planet Formation	NASA		NASA	2012	12 Nov. 2012	<a href="http://www.school.eb.com/comptons/article-9544803">http://www.school.eb.com/comptons/article-9544803</a>
Riess, A	Pinwheel of Star Birth	NASA, ESA, and the Hubble Heritage Team		NASA	2012	12 Nov. 2012	<a href="http://www.nasa.gov/mission_pages/hubble/science/pinwheel.html">http://www.nasa.gov/mission_pages/hubble/science/pinwheel.html</a>

<b>Stillman, Dan</b>	What is the Hubble Space Telescope	<i>Institute for Global Environmental Strategies</i>		NASA	2010	12 Nov. 2012	<a href="http://www.nasa.gov/audience/forstudents/k-4/stories/what-is-the-hubble-space-telescope-k4.html">http://www.nasa.gov/audience/forstudents/k-4/stories/what-is-the-hubble-space-telescope-k4.html</a>
	Then vs. Now: The Age of the Universe	Goddard Space Flight Center			2012	8 Nov. 2012	<a href="http://imagine.gsfc.nasa.gov/docs/features/exhibit/teyear/age.html">http://imagine.gsfc.nasa.gov/docs/features/exhibit/teyear/age.html</a>
<b>Weaver, Donna</b>	Hubble Takes First Snapshot of Planet Around Another	<i>Space Telescope Science Institute</i>		NASA	2008	12 Nov. 2012	<a href="http://imagine.gsfc.nasa.gov/docs/features/exhibit/teyear/age.html">http://imagine.gsfc.nasa.gov/docs/features/exhibit/teyear/age.html</a>