



# Vocabulary Guide!

# Vocabulary Guide!

# Vocabulary Guide!

# Vocabulary Guide!



Image designed by Freepik



Image designed by Freepik



Image designed by Freepik



Image designed by Freepik

## Panel 4: Observing on Earth or Space?

## Panel 4: Observing on Earth or Space?

## Panel 4: Observing on Earth or Space?

## Panel 4: Observing on Earth or Space?



405 S Main St | 479.271.6816  
www.bentonvillelibrary.org



405 S Main St | 479.271.6816  
www.bentonvillelibrary.org



405 S Main St | 479.271.6816  
www.bentonvillelibrary.org



405 S Main St | 479.271.6816  
www.bentonvillelibrary.org

## Explore Space: Definitions!

**Atmosphere:** the whole mass of air that surrounds the Earth

**Chandra X-Ray Observatory:** the world's most powerful X-ray telescope

**Engineer:** a person who has scientific training and who designs and builds complicated products, machines, systems, or structures

**Hubble Space Telescope:** the first major optical telescope to be placed in space

**Infa-red:** producing or using rays of light that cannot be seen and that are longer than rays that produce red light

**Interferometry:** an instrument for measuring the angular separation of double stars of the diameter of giant stars

**Laser:** a device that produces a narrow and powerful beam of light that has many special uses

**NASA:** a U.S. government organization that is responsible for space travel and research

**Observatories:** a building from which scientists study and watch the sky

**Optical:** used to help a person see

**Spectrograph:** a spectroscope for photographing or producing a representation of a spectrum

**Spitzer Telescope:** part of NASA's Great Observatories Program. Spitzer is designed to detect infrared radiation

**Telescope:** a device shaped like a long tube that you look through in order to see things that are far away

Definitions are cited from *Merriam-Webster's Learners Dictionary, Dictionary.com* or *NASA.gov*

## Explore Space: Definitions!

**Atmosphere:** the whole mass of air that surrounds the Earth

**Chandra X-Ray Observatory:** the world's most powerful X-ray telescope

**Engineer:** a person who has scientific training and who designs and builds complicated products, machines, systems, or structures

**Hubble Space Telescope:** the first major optical telescope to be placed in space

**Infa-red:** producing or using rays of light that cannot be seen and that are longer than rays that produce red light

**Interferometry:** an instrument for measuring the angular separation of double stars of the diameter of giant stars

**Laser:** a device that produces a narrow and powerful beam of light that has many special uses

**NASA:** a U.S. government organization that is responsible for space travel and research

**Observatories:** a building from which scientists study and watch the sky

**Optical:** used to help a person see

**Spectrograph:** a spectroscope for photographing or producing a representation of a spectrum

**Spitzer Telescope:** part of NASA's Great Observatories Program. Spitzer is designed to detect infrared radiation

**Telescope:** a device shaped like a long tube that you look through in order to see things that are far away

Definitions are cited from *Merriam-Webster's Learners Dictionary, Dictionary.com* or *NASA.gov*

## Explore Space: Definitions!

**Atmosphere:** the whole mass of air that surrounds the Earth

**Chandra X-Ray Observatory:** the world's most powerful X-ray telescope

**Engineer:** a person who has scientific training and who designs and builds complicated products, machines, systems, or structures

**Hubble Space Telescope:** the first major optical telescope to be placed in space

**Infa-red:** producing or using rays of light that cannot be seen and that are longer than rays that produce red light

**Interferometry:** an instrument for measuring the angular separation of double stars of the diameter of giant stars

**Laser:** a device that produces a narrow and powerful beam of light that has many special uses

**NASA:** a U.S. government organization that is responsible for space travel and research

**Observatories:** a building from which scientists study and watch the sky

**Optical:** used to help a person see

**Spectrograph:** a spectroscope for photographing or producing a representation of a spectrum

**Spitzer Telescope:** part of NASA's Great Observatories Program. Spitzer is designed to detect infrared radiation

**Telescope:** a device shaped like a long tube that you look through in order to see things that are far away

Definitions are cited from *Merriam-Webster's Learners Dictionary, Dictionary.com* or *NASA.gov*

## Explore Space: Definitions!

**Atmosphere:** the whole mass of air that surrounds the Earth

**Chandra X-Ray Observatory:** the world's most powerful X-ray telescope

**Engineer:** a person who has scientific training and who designs and builds complicated products, machines, systems, or structures

**Hubble Space Telescope:** the first major optical telescope to be placed in space

**Infa-red:** producing or using rays of light that cannot be seen and that are longer than rays that produce red light

**Interferometry:** an instrument for measuring the angular separation of double stars of the diameter of giant stars

**Laser:** a device that produces a narrow and powerful beam of light that has many special uses

**NASA:** a U.S. government organization that is responsible for space travel and research

**Observatories:** a building from which scientists study and watch the sky

**Optical:** used to help a person see

**Spectrograph:** a spectroscope for photographing or producing a representation of a spectrum

**Spitzer Telescope:** part of NASA's Great Observatories Program. Spitzer is designed to detect infrared radiation

**Telescope:** a device shaped like a long tube that you look through in order to see things that are far away

Definitions are cited from *Merriam-Webster's Learners Dictionary, Dictionary.com* or *NASA.gov*