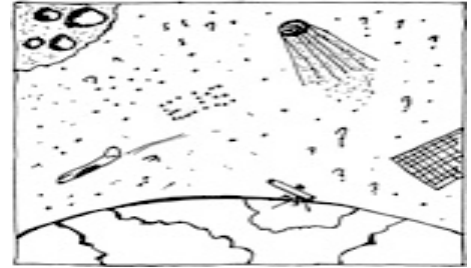


# My Astronomy Alphabet Planning Sheet

Sample



Name     **Hank Williams**    

Age     **9**    

**Directions:** Use this sheet to record your alphabet list.

Astronomy is such a big top. Let's narrow down your project's astronomy topic.

All of your terms must be related to **one** of these Astronomy topics. Circle below the name of the topic you have chosen for your project:

|  |                             |   |
|--|-----------------------------|---|
| <div style="border: 2px solid blue; border-radius: 50%; width: 80px; height: 40px; margin: auto; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 1.2em;">Solar System</span> </div> | Universe                    | Science Fiction Books about Astronomy           |
| Space Vehicles   | Galaxy                      | Putting Students into Space (i.e. microbiology) |
| Space Movies That Deal with Astronomy  | Book Titles About Astronomy |   |

| LETTER | ASTRONOMICAL WORD | DESCRIPTION / DEFINITION OF WORD   | PICTURE THAT REPRESENTS OR ILLUSTRATES YOUR TERM | (OPTIONAL) RELATED WEB LINK |
|--------|-------------------|--|--|-----------------------------|
| A      | Asteroids         | Giant rocks in space almost like tiny planets; orbit the sun mainly between Mars & Jupiter |  |                             |

| LETTER | ASTRONOMICAL WORD           | DESCRIPTION / DEFINITION OF WORD  | PICTURE THAT REPRESENTS OR ILLUSTRATES YOUR TERM | (OPTIONAL) RELATED WEB LINK |
|--------|-----------------------------|---|--|-----------------------------|
| B      | <b>black holes</b>          | <b>dark holes in space; can't really see; gravity pulls things toward it; light can't escape it</b> |  |                             |
| C      | <b>Copernicus, Nicolaus</b> | <b>Born in Poland in 1473. He invented the idea that the sun was the center of the Universe</b>     |  |                             |
| D      | <b>Day</b>                  | <b>The amount of time it takes the Earth to spin once on its axis.</b>                              |  |                             |
| E      | <b>earth</b>                |   |  |                             |
| F      | <b>Fireworks in space</b>   | <b>Meteors and comets are considered fireworks in space; they are small balls of rock &amp; ice</b> |  |                             |
| G      | <b>galaxy</b>               | <b>The solar system is part of the Milky Way galaxy.</b>  |  |                             |

| LETTER | ASTRONOMICAL WORD       | DESCRIPTION / DEFINITION OF WORD   | PICTURE THAT REPRESENTS OR ILLUSTRATES YOUR TERM | (OPTIONAL) RELATED WEB LINK |
|--------|-------------------------|--|--|-----------------------------|
| H      | <b>Hubble</b>           |  |  |                             |
| I      | <b>Inner planets</b>    | <b>Nearest the Sun are Mercury, Venus, Earth, and Mars. They are called inner planets.</b> |  |                             |
| J      | <b>jupiter</b>          |  |  |                             |
| K      | <b>Kepler, Johannes</b> | <b>Born in 1571 in Germany; the first to suggest that the Sun rotates about its axis</b>   |  |                             |
| L      | <b>Launch</b>           |  |  |                             |
| M      | <b>mercury</b>          |  |  |                             |
| N      | <b>neptune</b>          |  |  |                             |

| LETTER | ASTRONOMICAL WORD    | DESCRIPTION / DEFINITION OF WORD   | PICTURE THAT REPRESENTS OR ILLUSTRATES YOUR TERM | (OPTIONAL) RELATED WEB LINK |
|--------|----------------------|--|--|-----------------------------|
| O      | <b>Outer planets</b> | <b>Jupiter, Saturn, Uranus, and Neptune make up the outer planets of our solar system.</b>                       |  |                             |
| P      | <b>pluto</b>         |  |  |                             |
| Q      | <b>Quarter Moon</b>  | <b>A quarter moon looks like half a circle. This moon has completed one quarter of an orbit around the Earth</b> |  |                             |
| R      | <b>Rover</b>         |  |  |                             |
| S      | <b>Solar</b>         | <b>The word "solar" means of the Sun. Our solar system is the sun and everything that orbits around it.</b>      |  |                             |
| T      | <b>Telescope</b>     | <b>Used to look at the sky at night; brings things in the sky closer so we can see them better</b>               |  |                             |

| LETTER | ASTRONOMICAL WORD         | DESCRIPTION / DEFINITION OF WORD  | PICTURE THAT REPRESENTS OR ILLUSTRATES YOUR TERM | (OPTIONAL) RELATED WEB LINK   |
|--------|---------------------------|---|--|---|
| U      | <b>uranus</b>             |   |  |   |
| V      | <b>Venus</b>              |   |  |   |
| W      | <b>Weightless</b>         |   |  | <a href="http://www.physicsclassroom.com/class/circles/Lesson-4/Weightlessness-in-Orbit">http://www.physicsclassroom.com/class/circles/Lesson-4/Weightlessness-in-Orbit</a> |
| X      | <b>X-ray Astronomy</b>    | <b>The field of astronomy that studies celestial objects by the x-rays they emit.</b>                               |  |   |
| Y      | <b>Yerkes Observatory</b> | <b>University of Chicago's Yerkes Observatory is an astronomical observatory located at Williams Bay, Wisconsin</b> |  |   |
| Z      | <b>Zenith</b>             | <b>Point directly overhead</b>  |  |   |

See: <http://www.seasky.org/astronomy/astronomy-glossary.html>