



## Family Book Club

### Topic: Space

*Astro Girl* by Ken Wilson-Max (E)

*Life on Mars* by Jon Agee (E)

*Space Case* by Stuart Gibbs (J)

*Cosmic* by Frank Cottrell Boyce (J)

*On a Sunbeam* by Tillie Walden (YA graphic novel)

*Alone Out Here* by Riley Redgate (YA)

*Project Hail Mary* by Andy Weir (fiction)

*Just Right: Searching for the Goldilocks Planet* by Curtis Manley (J non-fiction)

*How We Got to the Moon* by John Rocco (J non-fiction)

*Space: The First 50 Years* by Patrick Moore (non-fiction)



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## *Book Discussion Ideas*

Was the book a ‘thumbs up’ or a ‘thumbs down’ for you?

What three words would you use to describe the main character?

What three words would you use to describe where the book is set?

Who was your favorite character and why did you like them?

What did you think of the way the story ended?

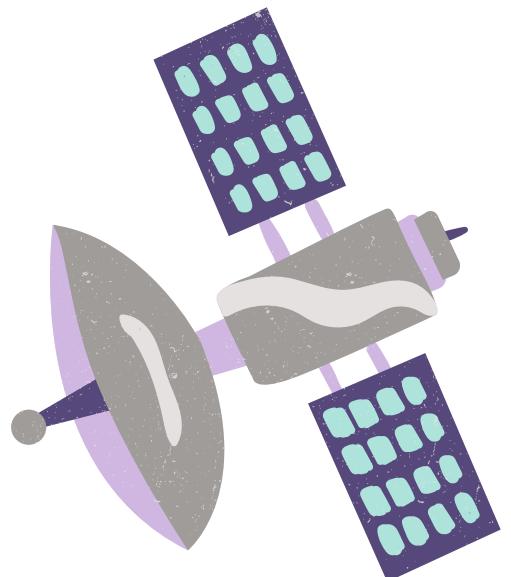
What do you think happens to the characters next?

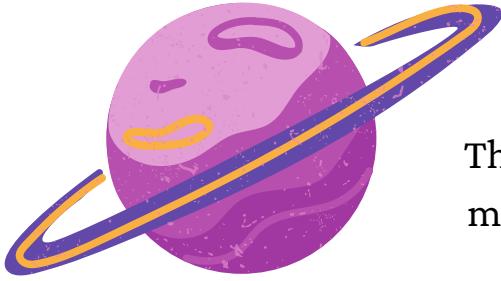
Did you learn anything new from reading the book?

Why do you think the author wanted to write this story?

If you could give the book another title, what would it be?

Would the book make a cool movie? Video game? TV show?





## *Space Fun Facts*

The Sun is a star that makes up 99.9% of the Solar System's mass! Because of its strong gravity, the other objects in the Solar System are pulled into orbit around the Sun.

Earth is about 93,000,000 miles away from the Sun (this distance is called an "Astronomical Unit"). Earth moves on its orbit at an average speed of about 19 miles per second!

The Moon goes around Earth at an average distance of 250,000 miles. It always has the same half facing Earth; the other half is called the "dark side of the moon".

The Moon does not send out its own light; we only see the parts that are being lit by sunlight. Different Phases of the Moon are visible as the Moon orbits the Earth.

Humans landed on the Moon between 1969 and 1972. Even though their footprints were left a long time ago, it is likely that they are still there! Because there is no wind or rain, erosion is extremely slow and the footprints do not get filled in or smoothed out.

There is no clear boundary between Earth's atmosphere and space, as the density of the atmosphere gradually decreases as the altitude increases. However, the United States designates people who travel above an altitude of 50 miles as astronauts.

Saturn is the only planet in our solar system that is less dense than water. It could float in a bathtub if anybody could build a bathtub big enough!