



Why is there life on Earth?



How does a rocket's design contribute towards its success during flight?



What are the effects of zero gravity?



Who was Sir Isaac Newton?

Stargazers
Year 4/5 Spring 2018

*Journey through space the final frontier...
Navigate beyond the Sun, the magnificent, blazing star at the centre of our solar system!*

Investigate the eight planets – Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. Take a look at the Moon, a celestial body that orbits Earth.

Programme a 'rover' to traverse a lunar landscape and work scientifically to investigate gravity...and what happens when there is none!

Compare the time of day at different places on Earth and use GPS satellite navigation systems to track hidden treasures.

Get in a spin making simple models of the solar system and listen to the haunting sounds of space themed songs.

Then in three, two, one BLAST OFF! Build and launch a rocket for an important test mission.

Exploring space is one of the greatest adventures that humankind has undertaken. Are we alone or is there another life form out there?

<p><u>Language:</u></p> <ul style="list-style-type: none"> - Recount - Mnemonic - Free Verse Poetry - Report writing - Science fiction narrative 	<p><u>Maths:</u></p> <ul style="list-style-type: none"> - Multiplication & Division - 2D & 3D shapes - Symmetry, sorting and tessellation - Area and angles - Equations - Fractions
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Who was Galileo Galilei?



What is an orrery?



Who was the first man on the moon?

Who are NASA?



What is the role of the international space station?



Are aliens real?

