

# Year 5 Autumn 1 – Half Termly Overview

## *Stargazers*

a cross-curricular project with a science focus

based on the Cornerstones Curriculum 2014

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.



Subject	Focus
<b>English</b>	<p><b>Class reading book:</b> Kensuke's Kingdom</p> <p><b>Writing genres:</b> diary writing, balanced argument, newspaper reports, science fiction/graphic narrative</p> <p><b>SPaG:</b></p> <ul style="list-style-type: none"> <li>• apostrophe for possession</li> <li>• Standard English verb forms</li> <li>• expanded noun phrases with prepositions</li> <li>• use of commas after fronted adverbials</li> <li>• edit and proof read writing</li> <li>• spelling patterns                             <ul style="list-style-type: none"> <li>- cious/tious</li> <li>- cial/tial</li> <li>- ant/ance/ancy</li> <li>- ent/ence/ency</li> <li>- able/ible</li> <li>- ough</li> </ul> </li> </ul>
<b>Mathematics</b>	<p>Number and place value – read write order and compare numbers to 1,000,000. Determine the value of each digit in a 5/6 digit number. Order sets of multi-digit numbers from smallest to largest. Round numbers to nearest 10-, 100 and 1000.</p> <p>Addition and subtraction – add and subtract whole numbers with more than four digits, including using formal written methods. Solve multi step word problems and write number stories.</p>
<b>Science</b>	<p>Earth and space: planets in our Solar System, phases of the moon, day and night and the seasons. Know how to work scientifically.</p>
<b>Computing</b>	<p>Programming, stop-frame animation and coding and E-Safety.</p>

Subject	Focus
History	Significant individuals – Galileo Galilei, Isaac Newton, 1960's Space Race
Geography	Location of continents, seas and oceans. Investigating capital cities.
Art and Design	Design – sketching and painting space rockets.
Design Technology	Making moon buggies: selecting materials, design research, structures and evaluation.
Physical Education	Gymnastics, bridges Invasion games - netball
PSHE	Global community, who is my neighbour?
French	Sports and past times.
Music	Space inspired music and lyrics, studying the 'Planet Suite', composing space music.

## Year 5 - Creation

**“Each human person is unique and made in God’s image and likeness”**

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The children will learn the story of Creation and the Fall in the Book of Genesis. They will learn that we are all created in the image and likeness of God and know that God calls us to care for others and all creation with love and respect. They will learn that there are times when we fail to be good stewards of creation. They will also learn that there are people who show great respect for creation and for the weakest members of society.

The children will have the chance to:

- appreciate how we can show respect for ourselves, for others and for God.
- reflect on times we have failed to show respect and reflect on the gifts and talents God has given each of us.
- reflect on the use and misuse we can make of these gifts.

### At home

You could help your children by:

- talking to the children about how they could care for creation and the environment
- visit [www.tere.org/interactive\\_site/KS2link.htm](http://www.tere.org/interactive_site/KS2link.htm) and complete activities.