English

Key Texts:
Cosmic—Frank Cottrell Boyce
The War of the Worlds—HG Wells
Purpose for writing: Explanations and Persuasive Writing
Children will write a balanced argument understanding the features and type of language used. Do UFOs exist?
Children will further develop their narrative writing skills when they set the scene of an alien landing and build up tension when a strange creature emerges.
Grammar: **Children will continue to learn to use adverbials to show time, reason, manner, place and sequence. They will learn to use relative clauses and parenthesis to add detail to their sentences. Children will further enhance and secure their understanding of tense.**
Reading: **Children will build upon their retrieval, deduction, inference, word understanding and prediction skills through reading Cosmic.**

Out of this World

Year 5: Autumn 2

Computing

Focus: Databases
Children will be using and developing their own databases linked to their work on Space

Maths

Key Facts: **The effects of multiplying and dividing by 10 and 100 and extend number bond knowledge of 10 and 100 to decimals: 0.1 + 0.9 =1.0 and 0.56 + 0.44 = 1.0**
Multiplication and Division : **Children will use the associated facts of multiplication and division to derive facts. The will also develop their understanding of number types, eg. multiples, factors, primes and squares**
Shape: ***Children will revise their knowledge of the names and properties of a range of 2d shapes: regular and irregular ones, including triangles and quadrilaterals***
Measure: **Children will extend their shape work by finding the area and perimeter of rectangles and rectilinear shapes.**

Geography

Focus: **North America**
Children will develop their knowledge of the location of the Americas, in relation to the wider world, oceans and seas. Then will focus on knowing the geographical features of North America. Key cities and places of interests will be located, weather and climate will be researched, and the natural features of rivers and mountains will be considered in detail.

Science

Physics: Space
Children will discover more about how our Solar System is organized and how our understanding of it has evolved over time. They will describe the movement of the Earth and moon relative the Sun in our Solar System. Through careful observation and research, they will be able to explain how we get day and night.
Working Scientifically: **Children will be asking relevant questions and researching using careful observation and secondary sources. They will report their findings using a variety of mediums. Children will continue to be encouraged to use scientific evidence to support or dispute ideas.**

Music

Children will continue with learning the drums through NMPAT.

RE

Focus: Was Jesus the Messiah?
Children will study the incarnation aspect of the bible.

Art

Focus: **Planet Drawing**
Explore the purpose and impact of images from the 'Space race' era of the 1950s and 60s; developing independence and decision-making using open-ended and experimental processes; combining drawing and collagraph printmaking to create a futuristic image

PE

Focus: **Indoor Athletics—Children will develop their running, jumping and throwing skills.**
Dodgeball—Children will be developing their invasive games skills.

French

Focus: The Date
Children will develop their vocabulary about days of the week, months of the year and special occasions.

PSHE

Focus: **Following the Heart Smart scheme, children will focus on the unit: Don't Forget to Let Love In**