English

Key Texts: **Cosmic by Frank Cottrell-Boyce**

Purpose for writing 1 –**Writing the Middle and Climax of a Story**

In our first writing unit, children will develop their ability to make accurate and precise word choices to develop an atmosphere. They will show what characters are like by what they say and what they do.

Purpose of writing 2 - **Explanation**

In our next writing unit, children will develop their ability to explain, sequencing ideas and using a range of presentational devices.

Spelling - cious, tious, cial, tial, ant, ance, ancy, ent, ence, ency,endings and able, ible, ably, ibly, ly suffixes

Punctuation - Revision of starting and ending sentences accurately, using commas and brackets within sentences and accurate use of capital letters.

Reading - Children will be developing their ability to explain the meaning of words in context, retrieve information, summarize main ideas, infer information from the text and make comparisons within and across texts.

Geography

Focus: **Rainforest Biome**

Children will be able to locate and describe the Amazon River, identifying its source and countries it flows through. They will understand that it is mainly surrounded by dense forest and be able to describe the difference between a biome and a vegetation belt. They will understand that the rainforest is in the tropics, near the equator. By the end of the unit they will be able to describe the different vegetation layers and characteristics of the rainforest biome.

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

PSHE

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

Out of this World

Year 5: Autumn 2

Computing

Focus: Spreadsheets

Children will be using and developing their own spreadsheets.



Music

Focus: Composition to Represent the Festival of Colour: Holi **Children**

PE

Focus: Indoor Athletics
Invasion games: Hockey
Invasion games: Dodgeball

Mathematics

Key Facts: **Instant recall of the facts up to 12 x 12.**
Multiplication and Division : **Children will use the associated facts of multiplication and division to derive facts and be able to multiply and divide by 10, 100 and 1000. They will also develop their understanding of number types, e.g. multiples, factors, primes and squares**
Fractions: **Children will practise finding equivalent fractions and converting mixed numbers to improper fractions and visa-versa. They will compare and order fractions.**

(Please see our Calculation Progression document on our website for Multiplication and division strategies.)

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.

RE

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

French

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