

## English

**Reading** - Key texts: *Cosmic* by Frank Cottrell-Boyce

**Developing pleasure and motivation to read.** Word reading and comprehension skills through a variety of text types during VIPERS reading sessions and written activities.

Reading skill focus - summarising and retrieving information along with inference. Choosing own texts and sustained reading for pleasure. Dictionary use to check meaning and thesaurus to learn synonyms.

**Speaking and Listening:** Poetry recitals, discussion and presentation during topic work, hot seating characters and drama. Children will debate points of view.

**Writing Composition** - Writing for different purposes, developing stamina, editing and checking work throughout.

**Narrative:** Using our key text to help inspire the writing of an adventure story set in space.

**Non-fiction:** Writing a persuasive letter from the viewpoint of a key character in the text, a non-chronological report on the planets and an explanation text of how the Earth and Moon orbit the Sun.

**Poetry:** Link between space poetry and our art work.

**Spelling:** Weekly spelling lesson, focusing on spelling patterns.

**Grammar:** Punctuation necessary for dialogue, colons and semi-colons,

**Handwriting:** Weekly practise based on spelling patterns. Emphasis on neat presentation and pride in all written work.

## Art

To create artwork taking inspiration from the work of Cosmic illustrator 'Steven Lenton'. The focus will be on illustrations in books/cartoons. Children will be able to compare and contrast with other well-known illustrators.

## Religious Education

(According to Warwickshire and Coventry agreed syllabus for RE 2017)

**Key Question:** What do religions say to us when life gets hard?

The children will express ideas about how and why religion can help believers when times are hard, giving examples. There will be a focus on beliefs about life after death and identifying the similarities and differences between religions and non-religions.



## Maths

Daily focus activities around multiplication tables. Weekly Written Arithmetic work.

### Fractions

Identifying unit and non-unit fractions. Finding equivalent fractions. Converting improper fractions to mixed numbers. Compare and order fractions less than 1. Add and subtract fractions with the same denominator, differing denominators and mixed numbers.

### Multiplication and Division

Multiplication using the formal written method and short division.

## Computing

### Databases

The children will be searching databases, plus creating a class and topic database. They will utilise this knowledge to help research facts about our topic - Earth and Space.

## Science

### Earth and Space

The children will be describing the movement of the Earth, and other planets, relative to the Sun in the solar system. They will describe the movement of the moon in relation to the Earth and they will be able to describe the Sun, Moon and Earth as approximately spherical bodies. They will use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

## Is There Anyone Out There?

Curriculum Plan -  
Spring 1 2023

Year 5  
Mrs Cowling

## Music

Armonico Consort - Singing

## Spanish (MFL)

Los Planetas

## British Values and SMSC

**Developing an understanding of fundamental British values**

**Spiritual:** Think about their own and others beliefs and describe the ways that beliefs can be shown.

**Moral:** investigate moral and ethical issues surrounding war and discuss the consequences.

**Social:** Understand what is meant by respect and how it feels to be respected. Know ways to resolve conflicts.

**Cultural:** Appreciate different cultures through our Topic and RE lessons.

**Democracy:** Have discussions based on the morality of war. Continue to work in groups, to understand and respect others views and opinions and to take responsibility around the school.

**Individual liberty:** understand our rights and responsibilities with regard to use of technology.

**Tolerance and respect:** understand that people can have different beliefs, views ideas and lifestyles.

### Super Activities:

'Leaf' - Whole School Mini Topic  
Stargazing Sleepover  
Planetarium

Warwick Singing Town Parent Workshop  
The King's Singers Concert (optional)

## Design and Technology

**To design a Mars rover and a base for humans to survive living on Mars.**

The students take on the role of space scientists or space engineers to discover more about Mars. The children will design and create a Mars rover buggy using TechCard and drawing a base, enabling humans to survive on the planet.

## PSHE - Celebrating Differences

Through the Jigsaw Scheme, the children will be learning to celebrate differences, including those based on race and culture. There will be a focus on promoting antibullying, enhancing their ability to solve problems and use kind words about their peers.

## Physical Education

'Sky Blues In The Community' - Health and Fitness, plus Multi-sports. The children will receive a theory lesson, focused on Healthy Eating and Fitness. Then, they will complete a multi-sports lesson.

## Geography / History

### Geography

The children will locate physical geographical features on satellite maps,

### History

The children will find out about countries that have explored space in the past and their technological advances to aid the exploration of space. They will find out about the space race, the impact of animals travelling to space and the planets.