

English:

Katherine Johnson - Biographical writing
 Diary entry from the perspective of an astronaut
 Instructional writing planning a mission to Mars

Reading:

Cosmic by Frank Cottrell-Boyce

RE:**Journey Through Life and Death**

This unit involves pupils in investigating beliefs about life and life after death and encouraging them to reflect on and express their hopes for the future. In this unit pupils will have the opportunity to share their feelings of loss caused by separation, learn about how faith can provide believers with answers to life's most challenging and ultimate questions, and also how faith challenges our attitudes, values and commitments in life. They will consider how important it is to celebrate the lives of those they have lost and how remembering can help the healing process.

Computing:

Children are given an understanding of spreadsheets and how they can be used.

PE:

Monday - Social skills - Balances
 Friday - Get Active led gymnastics

Music:

Journey - lyrical meaning, singing in rounds and songs from different eras.

Art/DT:

Children design and make their own mission badge using textile techniques, replicating artwork in the style of Peter Thorpe.

French:

Name the stationery in my pencil case
 Describing stationery using colours
 Using the negative form with stationery
 Name animals, describe animals with colours

PSHE:

One World - our responsibilities as a global citizen.



Spring 2: Out of this World

Maths—White Rose Maths:**Decimals**

Identify the value of each digit in numbers given to 3 decimal places.
 Multiply numbers by 10,000 and 1,000 giving answers up to 3 decimal places.
 Multiply one-digit numbers with up to 2 decimal places by whole numbers.
 Use written division methods in cases where the answer has up to 2 decimal places..

Percentages

Solve problems involving the calculation of percentages and the use of percentages for comparison.

Recall and use equivalences between simple fractions, decimals and percentages including in different contexts.

Algebra

Use simple formulae; Generate and describe linear number sequences.

Express missing number problems algebraically.

Find pairs of numbers that satisfy an equation with two unknowns.

Enumerate possibilities of combinations of two variables.

Science:**Light**

- We will learn about light, how we see, shadows, reflection and refraction.
- Exploring how light travels and how this enables us to see objects.
- Creating functioning periscopes, finding out about mirrors and the angles of reflection and incidence.
- Investigate refractions and experiment into the effects of bending light.

Geography/History:

Find out about key historical space events e.g. Moon landing, Space race. Research key figures related to space e.g. Yuri Gagarin, Katherine Johnson. Find out about historical space disasters.
 Plot launch sites on world maps. Research countries with space programmes.