

**Space Explorers**

## Cosmic By Frank Cottrell Boyce

## In English writing, we will be…

* Writing predictions about the book: Cosmic and its characters.
* Writing a character description, our own next chapter and persuasive writing about a trip into space.
* Practising our writing skills by:
  + Using appropriate levels of formality in different writing genres.
  + Using persuasive language to steer our reader to pa particular point of view.
  + Using figurative language to develop settings and characters; writing about the same events from a range of perspectives.
  + **ALL** - Using a wide range of clause structures, sometimes varying their position within the sentence.
  + **Y5** - Using the perfect form of verbs to mark relationships of time and cause.
  + **Y6** –independently using the active, passive and subjunctive forms in our writing. Incorporating dialogue to convey mood, action and character interaction.

In our reading, we will be…

* Reading the text ‘Cosmic’ as our writing driver. Making notes of characters, settings and main events to practise our summary skills.
* Comparing the vocabulary, description, dialogue and narration in a variety of fiction writing.
* Discussing and comparing persuasive writing and evaluating its effectiveness on the reader.
* Using the different ‘Reading Roles’ to help us answer comprehension questions.

## In our ‘English Grammar, Punctuation and Spelling’, we will be…

* Reviewing our previous learning including word classes.

**Y5** learning how to apply the able, ible, ibly and ably suffixes

**Y6** words containing: ph, phy, ps, psy, rh.

Practicing **Y5/6** spelling words: cemetery, necessary, nuisance, sacrifice, hindrance, prejudice

In Mathematics, we will be…

* **Place Value:**  working with Roman Numerals to 1,000. Ordering and comparing numbers to 10,000.
* **Calculations:**

**Y5** – securing our use of written methods for multiplication and division. Applying these to situational contexts.

**Y6** – identifying and using the most appropriate operation/method following the correct method of operations (long multiplication and long division).

* **Fractions:** multiplying proper fractions by whole and mixed numbers. Solving problems involving % and decimal equivalents (Y5 - including fractions where the denominator is a multiple of 10 or 25.)
* **Geometry:**

**Y5** – identifying, measuring and drawing angles on a straight line and around appoint.

**Y6** – finding missing angles and reasoning about angles.

* **Measure - time:**
* Y5 – converting periods of time/calculating time intervals.
* Y6 – accurately reading timetables to solve problems.

In Science, we will be…

* Learning about our solar system: its planets, distances, rotations of planets around the sun.
* Creating our own scale models of the solar system and using these to demonstrate our understanding.

In Art and DT, we will be…

* Exploring a range of pencil techniques to convey atmosphere, texture and light.
* Drawing on research from space exploration to create our own lunar landscape pieces.

In PSHCE, we will be…

* Thinking about the future and the wider world of work: the difference between jobs and careers; how to compare our interests to the variety of workplace options; how to discuss our skills and attributes.

## In French, we will be…

## Revising greetings and common nouns.

## Learning how to converse about a ‘typical day’.

## In Music, we will be…

* Focusing on the musical elements of pitch and duration, thinking about space music and ‘Amazing Machines’.
* Using digital technology to compose layered rhythm pieces.

## In RE, we will be…

* Understanding the concept of Ritual within the Christian faith and how it is expressed through case studies and discussion. We will be able to share and present our understanding in a range of ways.

## In PE, we will be…

* Gymnastics (indoor) – developing our flexibility and balance skills by using a range of apparatus to create structured routines.
* Tennis (outdoor) – ensuring we are using the correct grip and practicing our serving and returning skills.

## In Computing, we will be…

* Using digital art packages to create lunar landscapes based on our knowledge from our Science learning.
* Email – ensuring we know how to send and receive emails safely.

## This term’s vocabulary will be…

**Science – solar system, Earth, Sun, orbit, moon, planets, star, Mar, Uranus, Jupiter, Venus, Saturn, Neptune, Pluto, rotate, spherical, axis, heliocentric, geocentric,**