



# What is beyond our world?

Year 5 - Autumn Term 1A

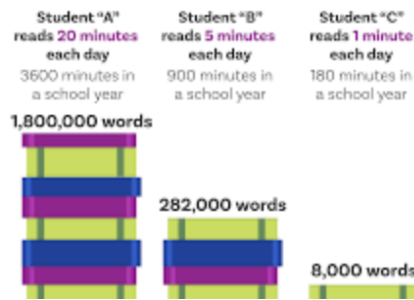
## English

In English, we will be writing a suspense narrative based on our class novel of Cosmic by Frank Cottrell Boyce. We will also be writing a Mars Transmission Journal to link with our topic based around missions to Mars.

We will be looking at:

- The structure of suspense narratives and journals
- Suspense techniques
- Relative clauses
- Speech in narratives
- Fronted adverbials and conjunctions
- Higher level language choices
- Using a new range of punctuation

### **Why Can't I Skip My 20 Minutes of Reading Tonight?**



## Mathematics

The children will be looking at varied fluency, reasoning and problem-solving skills. We will be building our ability to reason effectively and proving our answers in particular this term.

Each week we will also have an arithmetic day where we will learn one objective and then complete a test.

### Place Value

*Recognizing Roman Numerals*

*Ordering and comparing larger numbers*

*Identifying place value up to 1 million*

*Interpreting negative numbers*

*Rounding larger numbers*

### Addition and Subtraction

*Add and subtract numbers mentally, with increasingly large numbers*

*Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy*

*Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.*

### Statistics

*Interpreting line graphs*

*Drawing line graphs*

*Interpreting time tables*

*Interpreting two-way tables*

*Solving problems related to tables and graphs*

## Art and Music

In art, the children will be continuing to develop their line and shading skills.

## Computer Science

In the first half term, students will be made aware of the elements of online safety and how to ensure they are using the internet and technology in an appropriate way. They will understand the importance of passwords, protecting their identity and being mindful of who they communicate with. Additionally, the students will be educated to be aware of their time spent using technology and online habits and understand what healthy "screen time" is.

## Science

### Earth and Space

For science, the children will be looking at our solar system and learning about the planets within it.

We will learn about the Earth and moon's orbits, day and night, the moon phases and the structure of the Earth.

Throughout the children will be using their enquiry and critical thinking skills.

### French

'Je me présente' (Introducing myself). Count to 20 in French. Say their name and age in French. Say hello and goodbye and then ask how somebody is feeling and answer how they are feeling. State where they live in French. Say their nationality, introducing concept of gender and agreement.

### Spanish

'Yo Aprendo Español' (I'm learning Spanish). Identify Spain on a map of the world. Highlight famous Spanish cities. Talk about other countries where Spanish is spoken. Say their name and how they are feeling in Spanish. Count to ten in Spanish. Pupils may also learn how to introduce themselves and state where they live.



## Topic

### Earth and Space

During the topic, children will investigate the history of Mars and the myths it holds along with looking at human and physical features of Earth and Mars.

They will be looking at how plants could survive on Mars and investigating how we could survive on the planet.

Children will be designing and making their own Mars Rovers and shelters for their missions to Mars.

By the end of the topic, the children will present to other year groups everything they have learned using a variety of creative methods. They will hopefully convince all of the other children they have travelled to Mars!

Year 5 will also be lucky enough to visit the Planetarium for an over-night stay! How exciting!

## Performing Arts

In term one, we will be exploring Earth and Space through Music and Drama. Learners will use their imagination to be transported on a mission to Mars, developing character skills, voice and gestures. This will conclude with a space themed performance in 'The Studio' during the school day.