



What is beyond our world?

Year 5 – Autumn Term 1B

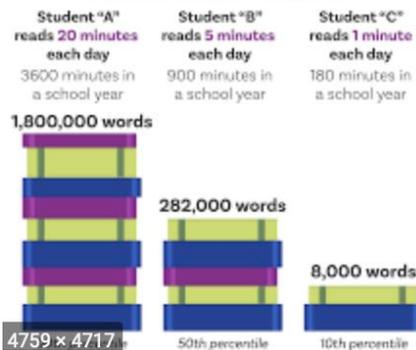
English

In English, we will be writing a newspaper report based all around space, writing a descriptive narrative based on our novel Cosmic and writing a diary entry as if we were an astronaut.

We will be looking at:

- The structure of diaries and newspapers
- Formal and informal language
- Direct and reported speech
- Relative clauses
- Expanded noun phrases
- Layout devices
- Using brackets, dashes and commas for parenthesis.

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.

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.

Multiplication and Division

Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.

Know and use the vocabulary of prime numbers, primary factors and composite numbers

Establish whether a number up to 100 is prime and recall prime numbers up to 19.

Multiply and divide numbers mentally drawing upon facts

Multiply and divide whole numbers by 10, 100 and 1000

Recognize and use square and cube numbers and the notations.

Solve problems

Multiply and divide numbers mentally drawing upon known facts.

Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method.

Divide numbers up to 4 digits by a 1 digit number using the formal written of short division and interpret remainders appropriately for the context.

Art and Music

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

Computer Science

In Year 5 ICT the students will learn to code, using SCRATCH and SWYFT PLAYGROUND. We will understand how computers and technology work and how computers process instructions and commands using coding languages.



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.

PE

Handball

Children will develop their throwing and catching skills and understanding and developing their skills as goalkeepers and defenders.



Moral education and UAE

Social Studies

Next term we will be looking at "Me and My World."

In social studies we will be looking at climates.

Topic

Earth and Space

For this topic, the children will learn about the history of space and the significant figures involved through informed research.

They will be using their geographical skills to select appropriate locations for rocket launches and also using Google Earth to identify human and physical features of Earth.