

## English

**Core Texts** – Cosmic by Frank Cottrell Boyce

**Writing opportunities** - Diary entries, poetry, letter writing, adventure story, newspaper report, advert, non-chronological report; recount

**SPaG:** choice of pronoun; fronted adverbials; expanded noun phrases; parenthesis; devices to build cohesion within a paragraph; commas; inverted commas; apostrophes for possession

## Art

Drawing using charcoal and pastels, Van Gogh 'Starry night'

## DT

Designing and making moving toys with cams

## Mathematics

**Place value** – Numbers to 1 million, compare and order any number, round numbers, negative numbers. Roman numerals.

**Four operations** – Add and subtract whole numbers, multiplying up to a 4-digit number with a 1-digit number, Inverse operations. Factors and multiples, primes, squares and cubes, mental calculations and estimation. Word problems

**Perimeter & Area**- Measure and calculate perimeter; find area of rectangles, compound shapes and irregular shapes

**Statistics** – Read, interpret and draw line graphs, tables and timetables.

## Science

### Earth and Space

**We will be researching and investigating:**

- the solar system
- the movement of the earth and other planets relative to the sun
- the movement of the moon relative to the earth
- the earth's rotation to explain day and night
- gravity, air resistance, water resistance, friction
- Levers, gears and pulleys

## Year 5 Autumn Term 'The Space Race'



## History and Geography

The Space Race - timeline, cause and effect. Changes and inventions in the modern world.

Name and locate some countries and cities of the world. Use maps to locate European countries and major cities. Use maps, atlases, globes and digital/computer mapping to locate countries.

## RE

**Worship** through music, art, artefacts, freedom

**The true meaning of**

**Christmas:**

Understand and interpret the Christmas Story, compare different versions.

**PSHCE**

Protecting the environment; Compassion towards others; Managing friendships and peer influence; Physical contact and feeling safe

## Computing

**E- safety-** understand how to use the internet safely

**IT-**word processing

PowerPoint

**Internet research and**

**Networks-** Understand how networks work.

**Scratch-** Use Scratch to build and edit algorithms for simple games

## French

**Greeting people, personal information, family**

Greet people and give personal information

Ask and talk about brothers and sisters

**A École (At school)**

Name school subjects  
Talk about likes and dislikes at School

Ask and say the time

## Physical Education

**Getset4PE**

**Games -**

**Football/Dodgeball**

Skills -Physical: dribbling, passing, ball control

Social: collaboration, communication

**Fitness/gymnastics**

Skills -Physical: strength, speed, power, agility

Emotional: perseverance

## Music

Charanga

**Style:** Rock

Exploring musical styles and rhythm through the Bon Jovi song 'Livin on a Prayer'.

**Style:** Jazz

Learning and improvising based around the Three Note Bossa and Five Note Swing.