

# Year 5 - Spring Term 2020

## NUMERACY

We will look at statistics connected to the solar system.

We will continue to look further into multiplication and division, learning how to work with larger numbers and decimals.

We will look at perimeter and area connected to work on designing our own fairground (linked to Cosmic)

We will explore fractions and connections between fractions, multiplication and division.

## LITERACY

We will review spellings from previous year groups. We will look at homophones and words that are easily confused. We will learn how to convert adjectives and nouns into verbs by adding a suffix.

We will look simile, metaphor and personification connected with the solar system.

We will learn to use modal verbs in persuasive texts.

We will learn to use direct speech and relative clauses in our portal story.

## Pandora video

Cold Write – Writing own non-chronological report about a planet.

Using The Sprot Gozzler wagoll to teach the features of a non-chronological report.

Innovate – We will write a non-chronological report about a Hexapod (Pandora clip)

Invent – We will write a non-chronological report about a space school (from Cosmic)

Watch Cold write – Writing a newspaper report about the first lunar landing.

Using Moon landing newspaper report wagoll to teach the features of a recount.

Innovate – We will write a newspaper report about Liam's adventure from Cosmic

Invent – We will write a newspaper report about an imaginary trip to planet Pandora.

## PSHE

We will learn how to respond to a wider range of feelings in others.

We will learn about confidentiality and when it is appropriate and necessary to break a confidence.

We will learn how to be respectful to others but raise concerns and challenge points of view when necessary.

We will learn to recognise and challenge stereotypes.

We will learn about discrimination, teasing, bullying and aggressive behaviour and its effect on others.

We will recognise and manage dares.

Seven Billion Ideas assembly  
COLD WRITE - Writing own pitch for a product to persuade others to buy it.

Using Dragons Den wagoll linked to Seven Billion Ideas assembly we will learn the features of a persuasive text.

INNOVATE - We will write a persuasive text based on Dragons Den with a different product

INVENT - We will write our own persuasive text about a space fairground (from Cosmic)

## NOVEL STUDY



Cosmic

By Frank Cottrell Boyce.  
WOW – Hancock Mission to Mars visit.  
Rocket making day.

## MAIN DRIVER (Science)

Study of the solar system and Earth's place within it.

## RE

We will find out about the beginnings of Buddhism and the life of Siddhartha Gautama. We will look at the central beliefs

- Enlightenment of the Buddha
- The Four Noble Truths
- The Noble Eightfold Path
- The Five Precepts
- The Sangha
- The Three Jewels

## HISTORY

We will look at historical events regarding space on a timeline, look at space travel and find out about famous astronauts. Look at the failed and successful Apollo missions. Read Astronaut Biographies.

## SCIENCE

Science based on the study of our solar system.  
Research: space and the planets. Look at the sun, moon and the Earth and the relationship between them (night, day and seasons).  
Scientist – Galileo  
We will look at the physics involved in flight and space travel. Make our own rockets.  
We will also look at the science behind Forces.  
Scientist – Newton.  
The stars and constellations will also be looked at in this topic.

## PE

Commando Joes unit about Tim Peak

UFO portal newspaper story

COLD WRITE - Writing own portal story about travelling through a portal in space

Using Elf Road by Pie Corbett we will learn the features of a portal story.

INNOVATE - We will write a portal story based on Elf road with a different setting.

INVENT - We will write our own portal story about an adventure to Mars

## Geography

Look at the Earth from the air. Name countries and continents as well as land features such as mountain regions and rivers.

## CREATIVE

We will look at and create Space Art in the style of Peter Thorpe and look at and recreate Van Gogh's Starry Night.  
Listen to Holst's The Planets and create our own music using Garage Band and percussion instruments.  
Make models of orbiting planets, rockets etc.  
Make bottle rockets which fly using water/air pressure.  
We will also try rehydrated space food.

## COMPUTING

We will look at coding principles using Purple Mash training activities and then use what we have learned to send a rocket into space using our coding skills.

# What are we