

## Curriculum Principles

**Equality of Opportunity**

Raising pupil aspiration through inspiration, enjoyment and fulfilment; Access to academic excellence; Opportunity to enhance and develop skills/talent; Developing dedication and resilience

**Enquiry Based Learning**

Creative thinkers; Real life challenge  
Risk taking; Resourcefulness; Enterprise; collaboration;  
Independent; Fostering and applying thinking skills

**Force for positive change**

Linking our school virtues to all we do; all learning has a clear purpose and relevance to our lives and environment; children are inspired to have an impact on the world

**Sustainability**

Emotional Intelligence; Love for learning and collaboration; Care for the environment and community; Fostering tolerance, understanding and empathy

Space Art and Star gazing.

Could the money spent on space research be spent on something more useful?

Can women be engineers?

How sustainable is it to send rockets to space?

**YEAR 5****Title: Reach for the Stars****Big Bang**

Making our own solar system.

**Trip**

Science workshop

**Celebration**

Space Art and Stargazing

**Computing**

DB Primary: Programming Race Track 8-13

**Spanish**

To recognise and describe colours of items in the classroom. To identify days of the week and favourite subjects.

**RE (Christianity)**

Discussing how significant is it for Christians to believe God intended for Jesus to die?

**Art**

Looking at a range of space art through mixing and blending oil pastels and abstract painting. Looking at constellations and the work of different artist.

**History**

Hidden Figures Key text.  
William Shatner-Virgin flights to Space.  
To research the history of astronauts: Role play as an astronaut in space.  
To plot events of the space race on a Timeline- Understanding chronology.  
Timeline of events: Women in NASA.  
To research significant figures from the Past- Women of NASA, first female in space.  
To consider if the moon landing and Neil Armstrong was a hoax.  
To debate on historical Events-Should we be spending millions of pounds on space research?  
Could the money be spent on something more useful/positive.

**PE**

Gymnastics: To explore a range of bridge shape actions /  
To perform actions, shapes, and balances clearly, consistently and fluently, with good body tension and extension.  
Outdoor games: Tag Rugby  
Know what tag rugby is. To be able to hold and run with the ball correctly / Start to learn some rules to the game / Learn ways of defending – Tagging / Dodging to avoid being tagged.

**Music**

To refine my playing (The Mockingbird Song).  
To alternate between C, F and G7 chords and to explore the rhythmic patterns used by a well-known composer.

**Maths****Number- Place value**

Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero. Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

**Number- Fractions**

Compare and order fractions whose denominators are all multiples of the same number. Identify, name and write equivalent fractions of a given fractions, represented visually, including tenths and hundredths. Recognise mixed numbers and improper fractions and convert from one form to another.

**Number- Decimals**

Read, write, order and compare numbers with up to three decimal places. Round decimals with two decimal places to the nearest whole number and to one decimal place

**Geometry- Position and Direction**

Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

**Statistics – Line graphs**

Solve comparison, sum and difference problems using information presented in a line graph.

**English**

Viking Boy by Tony Bradman

**Poetry: Personification poems**

What is personification?  
To create a personification poem, giving the planets human characteristics and features. Having the opportunity to perform the poem. Using grammar such as Powerful adjectives, expanded noun phrases and Idioms.

**Fiction (Heroes and Villains)**

Discussing Viking stories that the children are familiar with. To identify and understand what the purpose is of having a hero and villain in stories. Focussing on grammar in writing such as the use of perfect form, metaphors, imagery and expanded noun phrases.

**Non-chronological report:**

Identifying a range of heroes and villains that the children are familiar with. To create a non-chronological report on one of the planets

**PSHE (Jigsaw) Healthy Me**

Discussing healthy and unhealthy choices such as smoking/diet and how this can have an effect on the body.

**Science**

To identify and describe spherical bodies; describe the name of planets and creating our own mnemonic to help us remember the order. In addition describing the movement of the Earth, and other planets, relative to the sun in the Solar System.