

Curriculum Principles

<p>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</p>	<p>Enquiry Based Learning Creative thinkers; Real life challenge Risk taking; Resourcefulness; Enterprise; collaboration; Independent; Fostering and applying thinking skills</p>	<p>Inspire awe and wonder Use stimuli to motivate and inspire- visits, visitors, artefacts, books, videos, plays, role play etc.</p>	<p>Force for Positive Change Who or what has been a force for positive change? How can we be a force for positive change?</p>
<ul style="list-style-type: none"> - Creating and evaluating a D.T. piece. - Sharing our work with others. - Watching adverts and movie trailers as hooks. - Year group trip to Science museum London. - Discussing and understanding different cultures and religions. 	<ul style="list-style-type: none"> - How do the Earth, sun and moon work together? - How can we support other religions? - How do we motivate ourselves to keep our bodies in the best physical shape? - What sort of person do we want to grow up to be? 	<ul style="list-style-type: none"> - Big bang: role-play experience - Year group trip to Science museum London. - Space themed texts in Reading. - Writing our own creative stories 	<ul style="list-style-type: none"> - Motivate others to live healthy, socially aware lives. - Be mindful of healthy eating habits. - Encourage others to love their bodies and minds regardless of social pressures.

YEAR 5

Title: Earth and Space

Big Bang:
Drama – Welcome to space in hall

School Trip/Special Events:
Science museum 18/03/23

Celebration:
Presentation of space home projects.

R.E. (Christianity) –
What is the best way for Christians to show their commitment to God?
Christian ethics - Christians are committed to God and show their commitment in different ways.
Beliefs/practices in Church - Christians show commitment to God by attending church every Sunday/worshipping God.

Languages (Spanish) –
countries, nationalities, cardinal locations

Key Curriculum Areas:
Science, R.E., D.T.

Science –

- Use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky.
- Theory of how the ideas changed: new discoveries change scientific understanding: heliocentric and geocentric, Galileo and Copernicus.
- Know that the Earth is approximately spherical.
- Know that the sun and moon are approximately spherical.

Skill/s: Observing, recording, concluding.
Enquiry: Identifying.

D.T. –

- To understand contexts, users and purposes.
- To develop skills and techniques surrounding circuits and programmable devices.
- To develop practical skills and techniques: make the electrically controlled vehicle.
- To evaluate own ideas and products.

Skill/s: Designing, making, evaluating.

Curriculum opportunities – Geography Focus - Biomes of the world

Maths
Place Value - Negative numbers in context. Roman numerals up to M.
Fractions - Mixed numbers and improper converting). Multiply proper and mixed x whole numbers.
Geometry – Angles degrees, different types of angles, angles around a pint and multiples of 90.
Decimals-Read, write, order and compare numbers with up to three decimal places.
Statistics - Using information presented in a line graph.
Times tables: Up to 12 x 12. Practise daily in class.

PSHE
-I know the health risks of smoking and alcohol and can tell you how they affect the lungs, liver and heart.
- I understand how the media, social media and celebrity culture promotes certain body types. I can describe the roles food can play in people’s lives and can explain how people can develop eating problems (disorders) relating to body.

Music (keyboards) –
To read ascending and descending notes.
To recognise different intervals.
To build up to a 5 note piece.

English
Fiction: Writing a creative story based on the book *Cosmic*.
Structure, language (emotive), tone Sentence structure, expanded noun phrases, prepositional phrases, Conjunctions, fronted adverbials
-Sentence structure: expanded noun phrases, prepositional phrases
-Descriptive language: similes, metaphors, personification.
Non-Fiction: Writing an explanation text.
-Structure, audience, tone, language
-Planning formats
-Purposeful writing
Spellings and handwriting: Continue practicing spellings and handwriting with Y5/6 spelling list.

Computing: Vector drawings
To create a vector drawing by combining shapes, to use tools to achieve a desired effect and to recognise that vector drawings consist of layers

PE Indoor (Gymnastics) - To explore a range of jumps and landings and to start to link skills in a short sequence both on and off the apparatus.

PE Outdoor (Net and Wall)
Children will be learning to:

- Develop forehand and backhand shots.
- Practise hitting the ball without a bounce.
- Practice and refine rally technique.
- Exploring the inclusive sport of sitting volleyball.