

English

Reading - Key texts: *Cosmic* by Frank Cottrell Boyce.

Developing pleasure and motivation to read.

Word reading and comprehension skills through a variety of text types during VIPERS reading sessions and written activities (daily skills building).

Reading skill focus - summarising and retrieving information. Choosing own texts and sustained reading for pleasure.

Dictionary use to check meaning.

Speaking and Listening: Children will debate whether the Earth is round or not, debating arguments for and against.

Writing Composition - Writing for different purposes, developing stamina, editing and checking work throughout.

Narrative: Using scientific knowledge to write an adventure through space.

Nonfiction: Newspaper reports about an event in space, explanation texts to convey the relationship between the Sun, the Moon and Earth, persuasive writing and a diary entry based on a day in the life of Tim Peak.

Spelling: Weekly spelling lessons on the following patterns: -ify suffix, -ness suffix, -ship suffix and homophones and near homophones.

Grammar: Coordinating conjunctions, subordinating conjunctions, tense consistency, modal verbs, parenthesis, relative clauses and commas to avoid ambiguity.

Handwriting: Weekly practise based on spelling patterns. Emphasis on neat presentation and pride in all written work.

Religious Education

(According to Warwickshire and Coventry agreed syllabus for RE 2017)

Key Question: What do Religions say to us when life gets hard?

Express how believing in religion can help people when times are hard, giving examples. Outline Christian, Hindu and nonreligious beliefs about life after death. Explain similarities and differences between views on life after death. Explain why there are different opinions on life the afterlife.

Maths

Daily focus activities around multiplication tables. Weekly Written Arithmetic work.

Number: Multiplication and Division

Develop written methods for multiplying up to 4-digit numbers by up to 2 digits. Develop written division methods for up to 4 digits by 1 digit.

Number: Fractions

Recognise equivalent fractions and make links to multiplication tables. Identify fractions bigger than one, representing these as improper fractions and mixed numbers. Compare and order fractions.

Number: Decimals and Percentages

Use, round, order and compare decimals up to 2 decimal places, with an understanding of thousandths. Develop an understanding of converting between decimals, percentages and fractions.

Computing - Databases

Pupils will understand the different ways to search a database and create their own based on their class peer's data, entering information accurately. They will also create a database based on a topic of their choice: adding records and creating and adding data to a field so that it can be searched. They will also carefully word questions about data in their database so their peers can answer their questions accurately.

Science

Earth and Space

Describe the movement of the Earth, and other planets, relative to the Sun in the Solar System. Describe the movement of the Moon relative to the Earth. Describe the Sun, Earth and Moon as approximately spherical bodies. Use the ideas of the Earth's rotation to explain day and night, and the apparent movement of the Sun across the sky.



Space Exploration Part 1

Curriculum Plan -
Spring 1 2021

Year 5

Mr Harwood.

Super Activities:

Make model Earth, Sun and Moon mobiles
Visit to National Space Centre, Leicester

Music

Charanga

Spanish (MFL)

Food items and describing preferences.

Physical Education

Onside PE

Games - Invasion games including the development of shooting skills.

British Values and SMSC

Developing an understanding of fundamental British values

Spiritual: Think about their own and others beliefs and describe the ways that beliefs can be shown.

Moral: investigate moral and ethical issues surrounding war and discuss the consequences.

Social: Understand what is meant by respect and how it feels to be respected. Know ways to resolve conflicts.

Cultural: Appreciate different cultures through our Diwali activities.

Democracy: Have discussions based on the morality of war. Continue to work in groups, to understand and respect others views and opinions and to take responsibility around the school.

Individual liberty: understand our rights and responsibilities with regard to use of technology.

Tolerance and respect: understand that people can have different beliefs, views ideas and lifestyles. Link to our Diwali Day.

Art

To develop their understanding of famous artists - Van Gogh and Munch

To understand the stylistic features of abstract art and experiment with oil pastels to create night sky inspired artwork.

To create artwork based on Holst's 'Planet suite'.

Design and Technology

To design a dinner party to be eaten in space.

Think about foods that would be suitable for eating in space. Design a menu for the party that could take place on the International Space Station. Think about the health and nutritional values of the foods selected. Design suitable packaging for the food.

PSHE

Jigsaw - Dreams and Goals

We will explore the following concepts: staying motivated, building resilience, working well with others, having a positive attitude and supporting each other.

Geography / History

Chronology of Space Travel

Research the main events of the Space Race. Who were the main contenders? Find out about significant figures from history of space travel, including: Neil Armstrong, Buzz Aldren, Yuri Gagarin, Valentina Tereshkova and Tim Peake. Locational knowledge of longitude, latitude, the equator, hemispheres and tropics, with an understanding of different time zones.