

Curriculum Outline

“To Infinity and Beyond”

Norwich Year 5 Spring Term

English

Our English this term will be linked heavily to our topic, writing various genres across the curriculum predominantly through History and Science. We will start the term by looking at different styles of poetry and linking this to Space developing our figurative, creative and descriptive language. We will be studying the novel: “**Cosmic**” by Frank Cottrell-Boyce. As well as enjoying the story, we will also be covering a range of fiction and non-fiction genres using the book as our stimulus, including developing our writing skills looking at characters, setting, diaries, letter writing and instructions.



Maths

- Multiplication and division
- Fractions, decimals and percentages
- Patterns and number
- Statistics



Geographical and Historical Understanding

Linked to our topic of space, we will firstly be discovering when and who invented the telescope; exploring how telescopes work; learning about Galileo’s development of the telescope and the effect it had on astronomy. We will then move on to learning about the Space Race. We will be examining the Space Race between the USSR and USA and looking at developments in space exploration between 1940 and 1970. The details of the Apollo 11 mission of 1969, will be an area they children will investigate, looking at who was involved in Apollo 11 and how they felt to land on the moon. Finally, we will be examining methods of space exploration used today, space shuttles, the Hubble Telescope, satellites, observatories, space stations and learning about the lives of famous scientist who study space.

Science

Our topic this term is “*To Infinity and Beyond*” where we will be studying the Earth, Sun and Moon. We will be learning about the size and names of the planets in our solar system and the children will be inventing their own mnemonics to remember the names! We will then go on to learn about the phases of the Moon and night and day. Following this, we will be learning about orbits, seasons, the un and shadows and finally gravity and forces.

French

During the first half of this term, we will be learning the months of the year in French and learning how to say and write the date in French, including linking this to our personal birthdays. Finally, we will look at creating a calendar of events in French. Learning how to communicate the weather in French will be our second focus.



It will be after the half term we will learn the weather culminating in creating our own French weather forecast.

Information Communication Technology

This term, the children will be using internet search engines to carry out research linked to our topic and for the first half term we will be developing our skills in Coding. We will learn how to: use variables and formulae in code to create an area calculator and convert one measurement into another; learn how to use variables and loops to solve maths challenges and finally we will develop our own app. In the second half of the term, we will be learning how to create and use databases and we will be creating our own database in the form of the popular “Top Trumps” game.

Religious Education (RE)

Across the Spring term, in RE, we will be following the Understanding Christianity Unit of SALVATION where we will discuss Jesus' death and resurrection. Secondly, we will investigate INCARNATION where in The New Testament it presents Jesus as the answer: the Messiah and Saviour, who will repair the effects of sin and the Fall and offer a way for humans to be at one with God again. We will discuss how these elements fit into the Big Story and reflect on what this means for Christians in their way of life.



Personal Social Health Education (PSHE)

Our theme for the first half will be 'Dreams and Goals'. This topic will allow us to consider what we would like as a career when we are an adult and how we can achieve this. WE will also be investigating different career choices linked to different cultures. In the second half of the term, the theme will be about 'Healthy Me'. It is here where we investigate subjects such as alcohol, smoking, emergency first aid, body image and our relationship with food. This will allow us to be information to make healthy decisions as we develop and grow.

Creative Development

We are going to be very creative this term and again, this will all be linked to our space topic. At the start of term, in design and technology, the children will be designing and making a space buggy thinking carefully about a specific set of criteria. After the half term, we will be creating our own cushion with a space theme. Here we will learn to add embellishments, sewing hems and tie-dying. In Music, we will be focusing on the song "Make me feel my love" where we will be considering pop ballads and we will develop an enriched understanding of its theme, while deepening their musical knowledge and experience. Next we will focus on the "Fresh Prince of Bel Air" developing our understanding of Hip Hop looking at pulse and rhythm.



Physical Education (P.E)

The PE focus for this term is net and wall games, where we will be playing netball and we will be outside as often as possible, therefore it is crucial the children come prepared **wearing warm clothing for outside**. In addition to this, children will be composing dances linked to our space topic. We will also be pushing our own fitness levels considering how physically fit astronauts would have to be to journey into space. **The children need to ensure that they wear the appropriate P.E. kit on these specific days (see school updated policy for expected kit).**



Homework

Homework this term will be handed out on a Thursday to be handed in on the following Tuesday. Each week, the children will have a piece of English and Maths work to complete plus one other piece of homework. This could consist of science, research or a project linked to our topic. Reading regularly should continue to be part of our weekly homework routine. Please ensure **homework and reading diaries are signed** on a weekly basis.

Mrs Coote

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