

Curriculum Outline

“To Infinity and Beyond”

Norwich Year 5 Spring Term

English

To begin with, we will be using the book ‘Gorilla’ by Anthony Browne to write our own narrative. Before half term, the children will be writing their own non-chronological report on polar bears. After half term, linked to our space topic, Year 5 will be writing a diary as if they are in Space, linked to our class novel ‘Cosmic’ by Frank Cottrell-Boyce. We will continue to read a range of texts to support both our fluency as well as our comprehension.



Maths

- Fractions
- Decimals
- Statistics
- Percentages



Science

In the first half of the term, our main 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 and seasons, while learning about forces and gravity. Within this unit, we will also be investigating forces including gravity, and water and air resistance.



History

In the second half of this term, we will have a focus on History and Geography. In history, the children will be looking at Vikings and Anglo-Saxons. This will include researching about who they were? Why did they invade? Additionally, looking at similarities and differences between the two invaders, while homing in on beliefs, cultures, settlements and surviving evidence.



Geography

In geography, Year 5 will be looking at specific geographical features, while being able to locate counties; identifying towns and cities; and investigating hills, mountains, rivers and coastal areas as part of their historical discoveries linked to the Vikings and Anglo Saxons.



French

During the first half of this term, we will be learning at ‘Au Café’ and how to order a breakfast. After half term, the children will learn the weather culminating in creating our own French weather forecast.



Computing

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 learning how to create and use databases and we will be creating our own database in the form of the popular “Top Trumps” game. In the second half of the 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.



Religious Education (RE)

In the first half term our first enquiry will explore the question, “**How are sacred teachings and stories interpreted by Sikhs today?**” We will be learning how important the Guru Granth Sahib is as it teaches Sikhs how to see God’s light in everyone. We will also learn the stories of Bhai Kanaya and Malik Bhago talk about these important Sikh stories and teachings and consider what message Sikhs can get from these today. In the second half of the term, we will explore the question, “**How significant is it for Christians to believe God intended Jesus to die?**” Throughout this enquiry the children look at the events of Holy Week (the week leading up to the death and resurrection of Jesus) to investigate the cause and effects of these events. We will learn to explain whether the evidence shows that God intended Jesus to be crucified and rise again, or whether the crucifixion was the consequence of the events of Holy Week.



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.



Art /Design and Technology

We are going to be very creative this term and again, this will all be linked to our space topic. In the first half of the term, in design and technology, the children will be designing and making a space buggy thinking carefully about a specific set of criteria. Linked to our second half term focus on Vikings and Anglo Saxons, we will be further developing our sketching skills, linked to Vikings and Anglo-Saxons.

Music

As a school, we will be following the scheme ‘Charanga’. In Music, we will be focusing on the “Fresh Prince of Bel Air” developing our understanding of Hip Hop looking at pulse and rhythm. Having investigated the dimensions of music, we will then start to be creative and improvise and create our own patterns and music.



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)**. Our PE days in the first half term is **Monday** and **Friday**.



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.