

Curriculum Outline
“To Infinity and Beyond”

Southwell

Year 6

Spring Term

English

Our English this term will be linked heavily to our topic, writing various genres across the curriculum. We will be studying the novel: “**Skellig**” by David Almond. As well as enjoying the story, we will also be covering a range of fiction and non-fiction genres including looking at characters, setting, diaries, journalistic writing, instructions and poetry.



Maths

- Place Value
- Addition, subtraction, multiplication and division
- Fractions, decimals and percentages
- Geometry
- Patterns and number
- Statistics
- Measures



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 children will also be exploring the details of the Apollo 11 mission of 1969, 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 Sun and shadows and finally gravity and forces. Once we have learnt about space and the planets, we will go on to study life processes and specifically what is needed to survive. With all this knowledge, the children will be challenged to design their own new planet in space.



French

This term in French we will be learning to understand and use, with support, language for describing where we live, what language we speak and how we feel. We will also be reading a traditional African story as well as perform parts of a song and poem from memory. We will also be learning to spell new key words recognisably and write sentences from a model.



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, choosing our own objects, events and using formula. 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)

Our theme for this term is “Beautiful World, Wonderful God”. We will be discussing beauty and talking about why some things are beautiful to some people. We will then move on to exploring natural wonders such as: volcanoes, the deep sea, **space**, rainforests, our favourite animals, birds and plants. We will be studying the story of Adam and Eve and the Garden of Eden and thinking about how we can actively care for our world including endangered species and our environment. Moving on, we will look how we can sense God in nature and we will be looking at festivals that give thanks for our world (e.g. Harvest Festival, Holi, etc.). Finally, we will be thinking about how different religions teach us how to care for our world and looking at different hymns and biblical texts.



Personal Social Health Education (PSHE)/SEAL

During the first half of the term, we are going to be looking at the theme of “Going for Goals”. This will provide us the opportunities to reflect on ourselves as individuals, particularly our strengths as learners and how we can learn most effectively. Through different activities, we will investigate what is needed for successful self-directed learning and behaviour: for example, taking responsibility and building feelings of confidence and developing the belief that what we do makes a difference. In the second half of the term, we will be looking at the theme of “Good to be me”. In this theme, we will be focusing particularly on understanding feelings, and why and how they lead us to behaving the way we do.

Creative Development

We are going to be very creative this term and again, this will all be linked to our space topic. The children will start by practising their origami skills by creating origami stars to decorate the classroom. We will then be making our own solar system using papier-mâché to create scale models of the planets. After half term, in design and technology, the children will be designing and making a space buggy thinking carefully about specific set of criteria. In Music this term, children will be discovering a musical journey into space through different sound sources.



Physical Education (P.E)

The PE focus for this term is net and wall games, where we will be playing volleyball. In addition to this, children will be competing in a virtual gymnastics competition as well as composing dances linked to our space topic. We will also be pushing our own fitness levels considering how physically fit astronauts must be. **P.E. days will be Wednesday and Monday or Friday, therefore it is essential your child has the correct kit in school on the appropriate days with warm clothing for outside.**



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 diaries are **signed** on a weekly basis.

Mrs Coote

Spring 2018