

English

Children will continue to develop their writing skills across a range of genres and forms of writing, learning about their features and adapting their writing voice and vocabulary to suit. This half term, we will be focusing on historical fiction, using the book '*Black Powder*' by Ally Sherrick. After half term, we will focus on the theme of 'South Africa'. Some of our writing will include a biography of Nelson Mandela, traditional folk tales, and fictional writing inspired by '*Journey to Jo'burg*' by Beverly Naidoo. Some writing genres this term include: historical narrative, recount, biography, newspaper reports, letters, monologues.

Maths

Throughout the term, we will continue our number and place value knowledge by covering decimals to 3dp, and making links to percentages and fractions. We will continue to secure our accuracy when calculating problems across the four operations involving fractions, decimals and whole numbers, and linking this to reasoning and worded problems. Children will learn more about shape and geometry – covering areas such as ratio and scale factor, properties of 2D and 3D shapes, and how to calculate perimeter, area and volume.

Science

Scientists and Inventors: Children will learn about famous scientists and inventors and their incredible ideas, theories and discoveries – even testing a few themselves! Some of the people we will focus on include Stephen Hawking, Mary Leakey and Steve Jobs. They will learn about their life, achievements and the impact they have had upon science, technology and medicine today.

Evolution and Inheritance: They will be able to explore how both Charles Darwin and Alfred Wallace separately developed their theories of evolution. They will examine the scientific evidence from plants and animals that has been gathered to support the theory of evolution.

Art

Wildlife, including plants and flowers: Children will learn how to use pencil, colour, printing, sculpture and paper modelling to create quality art work and progress their skills. They will also explore the work of India Flint, Alexander Calder, David Oliveira and Henri Rousseau.

RE

Is anything ever eternal?: Children will learn more about the concept of eternity. We will discuss and consider our own views and Christian views of eternity and life after death, and how these views affect how we live our lives.

Is Christianity still a strong religion 2000 years after Jesus was on Earth?: Children will consider influences upon our lives, both religious and non-religious, as well as how we can be a positive influence on others. We will consider arguments for whether Christianity is still a strong religion and influence in today's world.

Geography

What does the Grand Canyon teach us about landscape changes?:

Children will learn about the physical geography of the Grand Canyon, including how water and erosion helped to form it, and the different biomes found there. We will also look at how human geography and tourism affects the surrounding areas.

History

How did Britain change between the Stone Age, Bronze Age and Iron Age? In history the children will learn revise their previous learning about the period between the Stone Age to the Bronze Age. They will extend their learning to the Iron Age, learning about how important Druids were during this time.

Computing

Spreadsheets: Children are given an understanding of spreadsheets and how they can be used. The children will use different spreadsheet templates in which children learn skills in formatting and entering specific formulas. They will also develop investigative skills in using the spreadsheet to solve specific problems.

Internet research and webpage design: Children will develop their skills in searching the Internet and creating and editing a webpage using Google Sites. Children will learn how to use some of the other advanced search features in Google and how to create a webpage with a layout of their choosing which includes images and links to other webpages.

D&T

Sew a gift: Children will design products by creating their own criteria with the user in mind, considering aesthetics and functionality. Annotated designs and step-by-step plans will be used to help share their ideas with others and execute ideas themselves. Children will learn how to make a paper template and sew using a range of stitches.

Music

Music will be taught by Mrs Nolan. This term the children will continue to explore classical works (including *Carmen*) using materials and resources from the Royal Opera House.

French

French is taught by Madame Medennis. Topics this term will include L'Ecole (school) – the activities people do at school and how French schools differ, and La Musique – naming instruments and styles of music.

PE

The children will have P.E. on **Mondays** and **Fridays**. This term the children be learning and practicing a class dance for the Welwyn Hatfield Dance Festival (letter to come). The children will also play a variety of invasion games and net/wall games with Mr Chivers. For PE lessons, children must ensure that earrings are taken out/covered, long hair is tied back, and watches are taken off.

PHSE

PHSE will be taught once a week. This term the themes are 'Dreams and Goals' and 'Healthy Me'.

Home Learning

In addition to the set home learning, please continue to hear your children read, read to them, as well as encouraging them to read independently. Please practise times tables regularly as they need to be fluent in their times tables to at least 12 x 12. Continue to practise spellings – you can use Spelling Shed, and practise your Year 5&6 Curriculum words and the attached key vocabulary in your spelling books.

Some key vocabulary for this term:

Maths		English			
digit millions place value decimal point tenth, hundredths, thousandths ratio proportion scale factor area perimeter volume width length depth		catholic gaol/prison Gunpowder plot Guy Fawkes historical parliament persecution protestant purpose	Anansi apartheid emancipation folk story freedom inequality prejudice segregation traditional	apostrophes atmosphere contractions dialogue paragraphs rhyme rhythm structure tense	
		RE		Art	D&T
		celebration commandments festivals important/significant influence influential	beliefs commandments eternal eternity perspective unconditional	3d model hapa-zome print observe sculpture sketch wildlife	annotate design function stitch template thread
Computing		Geography	History	Science	
calculation cell function purpose spreadsheet	design layout navigate research webpage	benefits biomes erosion habitat hemisphere landscape tourist	chronology develop discoveries druids evidence Skara Brae stone/bronze/iron	achievement dispute/prove evidence impact legacy medical technology	differences evolution evolve genetics similarities theory/theories