

Class 4 Topic Web Spring 2023-2024 – Miss Ng, Mrs Khierynejad and Miss Noonan

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 term we will begin by reading and studying 'Alice in Wonderland' by Lewis Carroll, then we will explore the poem and short film 'The Dreadful Menace'. We will explore and respond to these texts through drama and discussion, as well as writing explanation texts, biographies, newspaper reports, letters, monologues, narratives, poetry and much more.

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! We will think about stereotypes of scientists, and consider how those we are studying overcame adversity. Some of the people we will focus on include Eva Crane and Stephanie Kwolek. We 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

Pop Art: This term, we will focus on our painting and printing skills. Children will explore the work of famous pop artists – including Andy Warhol, Keith Haring, and Roy Lichtenstein – drawing inspiration from their pieces.

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. As part of this topic, we will enjoy a workshop led by North Herts Museum.

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. 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

Sewing: Children will create annotated designs and step-by-step plans based on a given brief. We will learn how to make a paper template and sew using a range of stitches.

Music

Music will be taught by Mr Rapson. The children will work on a collaborative project using a number of instruments and skills.

French

French is taught by Madame Meola.

Pets: Children be able to say which pets they have and/or do not have. They will move from 1st person singular to 3rd person singular verb usage so they are able to say what the pet is called and use conjunctions more confidently.

Weather: Children will learn vocabulary for weather and ask, as well as say, what the weather is like today. They will create a French weather map to show the weather in the different regions of France.

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.

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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		characterisation dialogue Jabberwocky old-fashioned portmanteau pronouns pun/word play	Effect hyperbole length metaphor personification simile structure	apostrophes atmosphere contractions paragraphs rhyme rhythm tense	
		RE		Art	D&T
		celebration commandments festivals important/significant influence influential	beliefs commandments eternal eternity perspective unconditional	acrylic colour effect line pop art stencil texture	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