

Year 6 Half Termly Overview- Summer 1

Maths

This half term we will be continuing with our learning of geometry- we will be learning about the circumference, diameter and the radius of a circle, finding missing angles in different shapes and identifying nets that create 3-D shapes. As part of our measurement unit, we will be learning how to calculate the area of composite shapes and the formulae for the volume of cuboids. We will also be converting measurements of length, mass and volume. In algebra, we will be looking at expressing missing number problems algebraically and finding pairs of numbers that satisfy an equation with two unknowns.

English

This half term, we will be continuing with our older literature with a focus on Shakespeare. Using the play *Romeo and Juliet*, we will be exploring the different characters and collecting and discussing the meanings of the vocabulary. We will be exploring particular scenes in depth and summarising key events. The effect on the reader of the author's choice of language and reasons why the author may have selected these words, phrases and techniques will be investigated. Within this unit, we will have many writing opportunities. These include recounts (as diary entries), narratives, persuasion, letters, witness statements and discussion texts. Our grammar learning will focus on continuing to practise the skill of blending action, dialogue and description within paragraphs and within sentences to convey character and advance the action as well as manipulating sentences to create particular effects

Theme

This half term, we will be continuing with our theme title, 'Super Sleuth' with the main subjects being geography and art.

In geography, we will be learning about deserts as a habitat, with a focus on the Mojave Desert. Some of the areas we will be focusing on includes: describing the characteristics of a hot desert biome, locating the largest deserts in each continent, describing ways the Mojave Desert is used, naming and describing the physical features found in a desert, identifying how humans use the desert, explaining how human activity may contribute to the changing climate and landscape of a desert and recognising that the Mojave Desert has a different time zone to the UK.

In Science, we will be learning about the circulatory system and healthy lifestyles. In this unit of work, we will be covering the following: how our heart works, how exercise affects our heart rate, what the blood transports around the body, how we can live a healthy lifestyle and what can damage our health.

In R.E. we will be learning about Buddhism. We will be exploring the question, 'What do we mean by a good life?' We will be finding out about the life experiences that started Prince Siddhartha's journey to becoming the Buddha and will reflect on how the teachings of the Four Noble Truths and the Eightfold Path impact the spiritual journeys and daily lives of Buddhists. We will have the opportunity to experience meditation and to reflect on our own life and happiness as we prepare for the change of leaving primary school.

Our PSHE learning will focus on the theme of health and wellbeing. Throughout this, we will learn about physical and mental wellbeing (What affects mental health and ways to take care of it), growing and changing (Human reproduction and birth; increasing independence; managing transition) and keeping safe (Keeping personal information safe; regulations and choices; drug use and the law; drug use and the media).

Please see the additional information regarding our PSHE learning for this term, which outlines in more detail the objectives we will be covering.

In art, we will be exploring the theme of camouflage within the natural world. We will look at images and use these to develop drawings and paintings which experiment with camouflage. This unit will be focusing on the following skills:

- Collecting images in sketchbooks and create detailed drawings using different media
- Developing a drawing into a painting
- Considering how positioning of images and composition will be used to add to the theme
- Using a graphics package to create and manipulate new images.
- Being able to import an image into a graphics package

In Spanish, we will be learning how to say some nouns for parts of the face and body and to understand simple descriptions including face and body part.

Our P.E. unit this half term is creative games and invasion games (netball)

In music, our unit is titled 'Music and Me' and is the first in a series of units focusing on inspirational women working in music. Throughout this series, we will explore the concept of 'identity' - the various elements that shape us. In this unit, we start with gender, with reference to social and cultural differences. We will then try out different ways of making our own music, while exploring the work of some of the most influential women in music over the last 100 years.

In computing, we will continue focusing on the following skills:

- Identifying different types of AI and their applications in everyday life.
- Exploring text-based and image-based AI tools to understand how they generate content.
- Applying coding skills like decomposition and pattern recognition to interact with AI applications.

Spelling Focus:

This half term, we will be focusing on the following spelling rules:

- Adding a suffix beginning with a vowel to words ending in -fer
- Words containing the letter string -ough
- Words with silent letters

Group 2 will be focusing on the following rules:

- Words with -sure
- Words with -sion
- Homophones

Homework:

As mentioned in the letter sent via email last term, homework will continue to be allocated on a Friday and tasks will be set from the SATs revision books that the children have been provided with. In order for your child to receive raffle tickets for this, completed homework is due back the following Friday. Each week, spelling homework (linked to the rule taught that week) or grammar homework will be set and times tables are also set each week on TT Rockstars.

Reading at home is still an expectation in year 6 (at least three times every week) and although we appreciate that most of the children now prefer to read independently, we do ask that the adults at home still sign their reading record book to show that they have been reading. This does not need to be their home/school reading book. If there are other books/reading material that your child prefers, then please encourage them to read these as well. Record books are checked in class on a Monday and this allows us to see who can then be placed on the Reading Hall of Fame.

Thank you for your continued support,

Miss Spencer