

Year 5 Half Termly Overview- Summer 2

Welcome to the final half term in Year 5! This year has flown by and we are looking forward to the half term ahead.

If you could encourage your child to complete any homework that is set, that would be wonderful. It is still really important that your child reads on a regular basis. Research from the National Literacy Trust highlights that children who read for just 10-15 minutes a day experience significant improvements in their vocabulary, comprehension and overall academic success.

Thank you for your continued support.

Mrs Green

In Year 5...

Mrs Mackie will continue to teach the class all day Wednesday and also on Friday afternoons.

This half term we will have PE on **Monday** and **Tuesday** afternoons. Please ensure that your child brings the appropriate PE kit on these days.

Maths

This half term we will be working on the following:

We will recap on place value and as part of this look at Roman numerals and negative numbers.

Geometry: We will be reviewing our learning on angles and moving this on to calculating the missing angle on straight lines and around a point.

Addition and Subtraction: we will be revisiting the methods that we use for adding and subtracting and use these to solve problems.

Percentages: We will be exploring what percentages are and how to calculate the percentage of an amount. We will also be exploring fraction and percentage equivalents.

Multiplication and division: We will be looking at formal methods for multiplying and dividing.

Fractions: We will be recapping on adding and subtracting fractions and will move onto multiplying fractions.

English

Our unit this half term will be based on the poem 'The Jabberwocky' by Lewis Carroll. The poem is a famous nonsense poem. We will be spending some time exploring the language that is used and discussing the story that it tells. We will be performing the poem and completing a range of reading based activities linked to the poem. The final outcome for the unit will be for the children to write their own narrative story to reflect the events of the poem. The children will also be completing a range of other writing activities within the unit. Some of the writing opportunities will include: writing letters in role, writing a non-chronological report about their mythical creature and writing action scenes.

In our grammar learning, we will be looking at cohesive devices, complex sentences that include relative clauses and complex sentences with simile openers. We will also be working on including a balance of action, dialogue and description. We will be recapping on other sentence structures covered in Year 5 and will be recapping on word class.

Spelling

- Homophones
- Words ending in –ant –ance – ent –ence –ency
- Words ending in able and ible
- Words from the statutory word list

Art: We will be completing some rainforest themed artwork which will focus on the leaves found in the rainforest. The children will be developing their observation drawing skills and using a range of shading techniques. We will be focusing on the artist Henri Rousseau.

RE: The RE unit this half term will be based on Judaism, with the key question being: Do people need laws to guide them?

Computing: Stop Motion Animation – the children will begin by completing the unit from last half term.

The following skills will be the focus for the unit:

Decomposing animations into a series of images.

Decomposing a story to be able to plan a program to tell a story.

Using video editing software to animate.

The learning will then move onto Mars Rover 2, covering the following:

Save a JPEG as a bitmap and recognise the difference in file size as well as explaining how pixels are used to transfer image data.

Explain the 'fetch, decode, execute' cycle in relation to real-world situations.

Create a profile with a safe and suitable username and password and begin to use 3D design tools.

Independently take tutorial lessons, applying what they have learnt to their design and understand the importance of using an online community responsibly.

History:

We will be starting the half term by completing our unit on the Ancient Greeks.

Geography: Why does population change?

In this unit we will be:

Understanding the change and distribution of the global population

Defining birth and death rates and describing why they change.

Recognising the push and pull factors influencing migration.

Beginning to understand the impact climate change can have on the global population.

Looking at how the population impacts the amount of traffic and litter in an area.

DT:

The DT unit will be based on Structures, in particular bridges. The children will be working on:

Identifying stronger and weaker shapes.

Recognising that supporting shapes can help increase the strength of a bridge, allowing it to hold more weight.

Identifying beam, arch and truss bridges and describing their differences.

Using triangles to create simple truss bridges that support a load (weight).

PSHE: The following will be covered over the Summer Term (Summer 1 and Summer 2)

- **Physical health and mental wellbeing:** Healthy sleep habits; sun safety; medicines, vaccinations, immunisations and allergies.
- **Growing and changing:** Personal identity; recognising individuality and different qualities; mental wellbeing
- **Keeping safe:** Keeping safe in different situations, including responding in emergencies, first aid

Please find an additional document attached that provides a detailed overview of the learning that will be covered in PSHE during the Summer term.

PE: This half term our units will be athletics and striking and fielding.

Spanish: We will be looking at Clothes (Clothes nouns, verb to wear, describe using adjectives, reading descriptions).

Music: Reflect, rewind and replay

Science: We will be completing our unit on animals and plants. We will learn about how animals and plants reproduce; comparing differences and similarities between five different animal groups. We will then consolidate and extend previous learning on the life cycles of plants and animals, comparing and describing differences in the life cycles of mammals, amphibians, reptiles, birds and insects.

Following this unit, our next unit will be based on describing the changes as humans develop to old age. During this unit of work, children will learn about the different stages of the human life cycle. They will learn about how the foetus grows in the womb at different stages. We will move onto explaining what puberty is and how human bodies change during puberty. We will then look at what it means to be a senior and describe the changes we might face.