

Year 6 Half Termly Overview- Spring 1

Maths

This half term we will be learning about place value, negative numbers and number sequences. This will involve: identifying and representing numbers up to 10,000,000 and decimals up to three decimal places, partitioning a number with up to seven-digits or to three decimal places and rounding decimals with three decimal places. We will be comparing and ordering negative numbers, describing positions on a full coordinate grid, translating a single point then a simple shape in one direction on a coordinate grid within the first quadrant and identifying the coordinates of the vertices after translation. Following this, we will be working on calculations: strategies to solve an addition or subtraction calculation, multiplying a number with up to two decimal places by a single-digit number and dividing a 4-digit number by a 2-digit number including remainders. We will then be learning about fractions-using all of the four calculations to problem solve.

English

This half term, we will be learning about classic fiction and we will be using the novel *The Wizard of Oz* as our focus text. We will begin by focussing on the opening to *The Wizard of Oz* via film and text and focusing on vocabulary and film analysis. We will then analyse how the characters are introduced and look at dialogue. We will then focus on character perspectives (analysis of 1st person and character development) and analysis of plot structure and focus on developing atmosphere in narratives. This will then lead into our shared and independent writing. Our grammar learning will focus on blending action, dialogue and description within sentences and paragraphs to convey character and advance the action.

Theme

This half term, our theme title is, 'Heroes and Villains' with the main subjects being history and D.T.

In history, we will be learning about the Vikings and answering the following questions: Who were the Vikings and why did they come to England? How did the Vikings fight? Viking invasions to 1066.

In Science, we will be learning about living things and their habitats. We will be looking at classification-describing how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals, giving reasons for classifying plants and animals based on specific characteristics, learning how living things can be grouped into micro-organisms, plants and animals and how vertebrates can be grouped as fish, amphibians, reptiles, birds and mammals, how invertebrates can be grouped as snails and slugs, worms, spiders and insects and how plants can be grouped as flowering plants (incl. trees and grasses) and non-flowering plants (such as ferns and mosses).

In R.E. we will be exploring Islamic beliefs. We will be exploring the question, 'What is Hajj and why is it important to Muslims?' We will learn about the Five Pillars of Islam and how these beliefs and values impact on the life of a Muslim. We will explore what it means to be a Hajji, reflecting on the personal journey a Muslim will make both physically and spiritually. This will allow us to explain how a journey might change someone even after the journey itself is over.

Our PSHE learning will focus on the theme of living in the wider world. Throughout this, we will learn about belonging to a community (valuing diversity; challenging discrimination and stereotypes), media literacy and digital resilience (evaluating media sources; sharing things online) and money and work (influences and attitudes to money; money and financial risks).

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

In D.T. we will be focusing on the following skills:

- designing a waistcoat in accordance with a specification and design criteria to fit a specific theme.
- Marking and cutting fabric accurately, in accordance with a design.
- Sewing
- Decorating a waistcoat - attaching objects using thread and adding a secure fastening.
- Sewing accurately

In Spanish, we will be learning how to say and understand classroom commands, say and write places in town, ask "where is...?" and answer with "here is + place," and understanding more nouns of shops in Spanish.

Our P.E. unit this half term is gymnastics and net and wall games.

In music, the unit is focused around one song from Benjamin Britten's Friday Afternoons: A New Year Carol. We will be listening and appraising, taking part in musical activities such as games and singing and Perform and Share

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

- Understanding and identifying barcodes, QR codes and RFID.
- Identifying devices and applications that can scan or read barcodes, QR codes and RFID.
- Understanding how barcodes, QR codes and RFID work.
- Gathering and analysing data in real time.
- Creating formulas and sorting data within spreadsheets.
- Learning how 'big data' can be used to solve a problem or improve efficiency.

Spelling Focus:

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

- ible, -able
- Year 5/6 statutory words
- ei after c
- homophones
- Adding suffixes beginning with vowel letters to words ending in -fer
- words containing the letter string -ough

Mrs Carter's group will be focusing on the following rules:

- contractions
- Rare grapheme/phoneme correspondences
- words ending in -tion
- y3/4 statutory words

Homework:

Homework will be handed out on a Friday. 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. There will also be either a maths or a reading comprehension task set every week.

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 and Mrs Carter