

# 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 persuasion/debates. Throughout the unit, we will be exploring a range of persuasive texts including those from an opposing standpoint. We will be discussing the meaning of words in context and identifying the main arguments in each text. We will be identifying examples of persuasive language and devices and discussing the effect of these on the reader. We will also be identifying and discussing statements of fact and opinion within the texts. We will then be using research to begin planning and writing our final outcome-a persuasive/discussion text that includes both sides of an argument. Our grammar learning will focus on devices to build cohesion between paragraphs in persuasive texts (on the other hand; the opposing view; similarly; in contrast; although, additionally; another possibility; alternatively; as a consequence) and on investigating and collecting a range of synonyms and antonyms. We will also be learning about older literature with a focus on Shakespeare. 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. This will be followed by planning and writing a retelling of older literature drawing on what we have read and using these as models for our own writing. Our grammar learning will focus on manipulating sentences to create particular effects.

## 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:

- Endings spelt -cious or -tious
- Words spelt with -cial or -tial
- Words ending in -ant, -ance, -ancy, -ent, -ence, -ency
- Words ending in -ible, -able, -ably, -ibly
- Statutory words

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

- Statutory words
- The prefixes -dis, -mis, -in, -il, -im, -ir, -re, -sub, -inter, -super, -anti, -auto
- Adding suffixes
- Words ending in -ch—tch, -er, -ture

## 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. So that you know what has been set, the children are asked to make a note in their reading record books every Friday of the homework that has been sent home.

**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 Ellam