

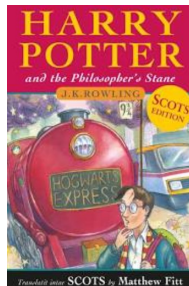


## Year 5 Spring 2

This gives you an overview of what your child will be learning in school this half term and ideas of how to support them with their learning at home.

### English

#### **Key text for this half term: Harry Potter and the Philosopher's Stone by J.K Rowling**



Writing unit 1: Dialogue

Writing unit 2: Information text

Writing unit 3: Persuasive text

Our reading week develops the following skills

Lesson 1: vocabulary and retrieval.

Lesson 2: retrieval, ordering and summarizing.

Lesson 3 and 4: inference.

Lesson 5: language and inference.

We are always focusing on developing children's fluency when reading aloud.

#### **Ideas for support at home:**

- Read regularly with your child. Read to them so that they can hear what good reading sounds like and get them to read aloud to you.
- Identify effective vocabulary and think of synonyms (other words which mean the same)
- Discuss how the characters are feeling and how you know.
- Discuss what characters are like and get children to identify the evidence.
- Ask them to summarise what they have read independently.

### Science

Our topic this half term is Properties and Changes of Materials.

During this topic, children will be taught to:

- compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.
- use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating

#### **Ideas for support at home:**

- Look up some quick and easy experiments on BBC bitesize to try at home.
- Research a material and present your information and how and when it is used in an interesting way.
- Look at the way different solids float in water depending on their material and why.
- Research different kinds of solids, liquids and gases and whether you can change their states from one to another.

### Maths

#### **Multiplication and Division**

Identify and use the most efficient multiplication method to answer questions e.g. known facts, short multiplication, long multiplication, moving digits.

Know that when the divisor is not a multiple of the dividend, there will be remainders e.g.  $123 \div 2$ . There will be remainders as 123 is not a multiple of 2 (all multiples of two are even).

Interpret remainders appropriately for the context.

Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.

#### **Decimals**

Know equivalences: 10 tenths are equivalent to 1 one, and that 1 is 10 times the size of 0.1. Know that 100 hundredths is equal to 1 one, and that 1 is 100 times the size of 0.01. Know that 10 hundredths is equal to 1 tenth and 0.1 is 10 times greater than 0.01

Compare and order decimals and fractions (tenths, hundredths, thousandths) by converting fractions to decimals. E.g. 0.34 and  $\frac{32}{1000}$   $\frac{32}{1000} = 0.032$  is less than 0.34 as there are no tenths.

#### **Percentages**

Know that the % symbol means per cent which is the number of parts per 100.

Recall the percentage and decimal equivalences of common fractions and for fractions with denominators with a multiple of 10 or 25

Solve problems with the percentage and decimal equivalences of and for fractions with denominators with a multiple of 10 or 25

#### **Ideas for support at home**

- Keep practicing your child's timestables up to  $12 \times 12$  (TT Rockstars and Doodle Maths will help with this).
- Practice key facts for short bursts of time.
- Carry out practical activities e.g. cooking or using cash in shops to get children to practice their mental calculations.
- Look for perimeters of shapes and fractions in real life contexts.



#### **Useful websites**

Top Marks—Hit the Button  
BBC Bitesize maths

### RHE Jigsaw

#### Dreams and Goals

In this Puzzle the children look at the similarities and differences between themselves (and their dreams and goals) and someone from a different culture.

#### Healthy Me

In this Puzzle the class look at the risks linked to smoking and how this affects the lungs, liver and heart. They do the same with the risks associated with alcohol misuse. They are taught a range of basic emergency procedures (including the recovery position) and learn how to contact the emergency services when needed. The children look at how body types are portrayed in the media, social media and celebrity culture. They also talk about eating disorders and people's relationships with food and how this can be linked to negative body image pressures.



### MFL– French

#### Les Jeux Olympiques—The Olympics!

Through the medium of this familiar and very popular event, pupils will be taught the skills to understand slightly longer and more complicated text in French. They will learn to 'gist' read, listen and understand more by using cognates and more familiar language to decode unknown language. Pupils will learn ten Olympic sports and the adjectival changes required when describing athletes.



### Computing

#### Flat-file Databases

This unit looks at how a flat-file database can be used to organise data in records. Pupils use tools within a database to order and answer questions about data. They create graphs and charts from their data to help solve problems. They use a real-life database to answer a question, and present their work to others.

#### Creating Media

In this unit, learners start to create vector drawings. They learn how to use different drawing tools to help them create images. Learners recognise that images in vector drawings are created using shapes and lines, and each individual element in the drawing is called an object. Learners layer their objects and begin grouping and duplicating them to support the creation of more complex pieces of work.



### RE

#### Hindu, Sikh, Jewish and Muslim prayer

This unit uses a study of the practice of prayer in Hindu, Jewish and Muslim traditions to pose questions for pupils about prayer and their own needs for silence and peace. Questions about the importance of duty and ritual are used alongside questions about the emotions of prayer. Pupils explore the feelings - of peace, challenge or the presence of the divine - that Muslims, Jews and Hindus may find in prayer, making links to their own feelings. Opportunities to take note of similarities and differences between Hindu, Muslim and Jewish prayer are provided for the higher achieving pupils.

### PE

#### Real PE:

In this unit, the children will develop and apply their seated balance and floor work balance through focused skill development sessions, modified/non-traditional games and sports and healthy competition.

#### Gaelic Football:

For the next half term, Year 5 will be receiving Gaelic Football Coaching, every Monday.



### Music

#### Fresh Prince of Bel-Air (Old-School Hip Hop by Will Smith)

This is a six-week Unit of Work. All the learning is focused around one song: The Fresh Prince Of Bel-Air. The material presents an integrated approach to music where games, the interrelated dimensions of music (pulse, rhythm, pitch etc.), singing and playing instruments are all linked.



**Special Focus** Over the half term, in addition to work in lessons, we will also be focusing on the following things.

**W.B 19.02.24**—RHE Focus week—Stranger Danger

**28.02.24**—Parent Consultations (15:30-20:00)

**W.B. 04.03.24**—E-Safety Week—Managing Online Information.

**07.03.24**—World Book Day (**and Book Swap!**)—Children are encouraged to dress up and bring a favourite book to share, as well as send in a photo of their favourite place to read.

**15.03.24**—Poetry Showcase for every class / Food Bank Donations in today.

**W.B. 18.03.24**—No afterschool clubs this week.

**22.03.24**—INSET day



Use the information in your reading record to log on to your class Seesaw page and share any learning you do at home with your teacher.

History, geography, art and DT are taught through a topic based approach. Information about your child's current topic will be sent home at the start of each new topic.