

# Year 5 – Term 3 Information and Key Learning

Welcome back to a brand new term, we hope you all had an enjoyable and relaxing Christmas. We would like to thank you for your kind gifts and wish you a Happy New Year. We are really excited about the forthcoming term ahead of us. Below outlines our key learning for the term, please do not hesitate to ask any questions you may have.

## Our learning this term

This term, in English, we will be using the focus text: 'The Explorer' by Katharine Rundell. From analysing and discussing this text, the children will then use it as a model to write their own adventure story thinking about composition and literary devices to engage the reader – such as relationships between different characters. Following this, we will be researching and debating who actually made it to the North Pole first and use this knowledge to write a biography. In Geography, we will be using our English text to help us compare and contrast Climate Zones along with learning about Hemispheres. We will identify and research the different climate zones around the world as well as the position and significance of Latitude, Longitude, Equator, Northern Hemisphere and Southern Hemisphere.

This term, our Maths focus will begin with completing our multiplication and division unit before moving onto Area and Perimeter. Following this, we will begin working with fractions: finding equivalent fractions, comparing and ordering, converting from proper to improper and adding and subtracting.

In Science, our topic is 'Animals, Including Humans'. We will be describing the changes our bodies go through from a newborn baby to old age by creating a timeline to indicate stages in human growth and development. Alongside this, the children will be researching the gestation periods of animals and comparing them with humans by finding out, and recording, the length and mass of a baby as it grows.

The Big Question in RE is 'How can following God bring freedom and justice?' Children will be able to explain connections between the story of Moses, and the concepts of freedom and salvation, using theological terms. Music will be with Mr Miles where the children will be learning to play the African Djembes. Computing sessions this term will be building the children's knowledge of Spreadsheets. PE will offer the children the opportunity to further develop and transfer the skills acquired in invasion games through Basketball. In addition to this, we are excited to be receiving tennis and athletics sessions from the Sadie Bristow Foundation where the children will have the chance to apply core skills, learnt through athletics, in tennis games.

## Key Information

- PE days – Monday (tennis) and Tuesday (basketball). Please ensure your child comes to school dressed in their PE kit and wearing trainers.
- Buster book club continues on a Wednesday evening – please encourage your children to read.
- The school library has an array of books on offer. Year 5's library day is Tuesday – on this day the children will be able to change their books. We are asking children to pick a quiz book (Accelerated Reading) and they may choose a free choice book if they would like.
- Spelling Shed - each week a new spelling rule will be introduced in class with activities available to follow up at home.
- TTRockstars – This term we will be setting the children the 7, 8 and 12 times table. Please encourage your children to practise these weekly.

## The Explorer



# English Key Learning Facts

Key aim: To read and spell Year 5 words

It is really important to try and keep practising your spellings. Each week, the children will be introduced to a new spelling rule and ten new spellings to focus on. We will send these spellings home every Monday for you to practise.

Follow the link to find Spelling Shed (<https://www.spellingshed.com/en-gb>) to start practising!

Remember, there are other ways to practise your spellings too. Here are a few ideas:

## Suggested Activities

**Use the word** - Making meaning helps us all to remember; if writing a sentence down is hard, talk the sentence out loud.

**Spot the deliberate mistake** - If you write out the words (and make a deliberate mistake) can your child find it (don't forget to tell them, you have made a mistake)?

**Mix it up** - The key to spelling is practice, but don't feel like you have to use the same method all of the time. Try something different every day.

# Mathematics Key Learning Facts

Key aim: To use the formal written method to divide and multiply.

We have been learning about multiplication and division, here are the formal methods we have been using for these operations. Please use these examples to support your child at home.

**Formal Short Division**  
To work out  $876 \div 4$ :

Step 1:

$$\begin{array}{r} 2 \\ 4 \overline{) 876} \\ \underline{8} \phantom{00} \\ 07 \phantom{0} \\ \underline{07} \phantom{0} \\ 06 \\ \underline{06} \\ 00 \end{array}$$

$8 \div 4 = 2$

Step 2:

$$\begin{array}{r} 21 \\ 4 \overline{) 8736} \\ \underline{8} \phantom{00} \\ 07 \phantom{00} \\ \underline{07} \phantom{00} \\ 036 \\ \underline{036} \\ 000 \end{array}$$

$7 \div 4 = 1 \text{ rem } 3$

Step 3:

$$\begin{array}{r} 219 \\ 4 \overline{) 8736} \\ \underline{8} \phantom{00} \\ 07 \phantom{00} \\ \underline{07} \phantom{00} \\ 036 \\ \underline{036} \\ 000 \end{array}$$

$36 \div 4 = 9$

So  $876 \div 4 = 219$

**Division**

- Divide
- Equal groups
- Share
- Groups of
- Repeated subtraction

**Multiplication**

- Multiply
- Times
- Lots of
- Product
- Repeated addition

Here are some examples of questions to challenge your child further:

42,764 divided by 5 = (questions which have remainders)

$267 \times \underline{\quad} = 3204$  (using the inverse to solve missing number questions)

Spot the error

Mike has 26,345 books in his collection. He puts them into 5 equal piles. How many books are in each pile?

$$\begin{array}{r} 65 \\ \times 42 \\ \hline 120 \\ 2600 \\ \hline 380 \end{array}$$

**Formal Multiplication**

$123 \times 45$

1st step

$$\begin{array}{r} 123 \\ \times 45 \\ \hline 615 \end{array} \quad (123 \times 5)$$

2nd step

$$\begin{array}{r} 123 \\ \times 45 \\ \hline 615 \\ 4920 \\ \hline 5535 \end{array} \quad (123 \times 40)$$

3rd step

$$\begin{array}{r} 123 \\ \times 45 \\ \hline 615 \quad (123 \times 5) \\ 4920 \quad (123 \times 40) \\ \hline 5535 \quad (615 + 4920) \end{array}$$

Use the examples above to help you practise your calculations at home. Here are some ideas for what you can do: explain the method to someone; write a clear set of instructions or even become the teacher and explain how your parents can check their answers by using the inverse operation? Have fun!

Thank you for your continued support.