

# Year 5 – Term 2 Information and Key Learning

Welcome back to a brand new term, we hope you all had an enjoyable and relaxing break and are looking forward to an exciting term ahead. The information below shows some of the things they will be learning and how you can help support their learning at home. Please do not hesitate to ask any questions you may have. We are really looking forward to a busy and exciting term with the children.

## Our learning this term

This term Year 5 will be focusing their learning around All Living Things. Science will engage the children in the topic of 'All Living Things' where the children will look at more complex life cycles of animals and the life cycle of plants, including identifying the parts of a flower. Design and Technology will offer the children the opportunity to design and create a moving figure using cams linked to our Geography topic of Mountains.

In English the children will focus on non-fiction texts, more specifically explanation texts, which will link to our science topic – All Living Things. The children will identify and analyse language and structural features of an explanation text and learn how organisational devices, such as bullet points and sub headings, help structure non-fiction texts. Towards the end of the term we will explore different techniques used in poetry and the children will create poems stimulated by our geography topic - mountains.

This term, our Maths focus will continue to be on number: extending our understanding of square and cube numbers; learning how factors and multiples are linked and dividing and multiplying by multiples of 10. The children will learn how to use appropriate written formal methods for dividing and multiplication.

The big question in RE is 'Was Jesus the Messiah?' The children will be learning to write and debug written codes in their Computing lessons. Music will be with Mr Miles where the children will be learning to play the Melodica. PE will involve the children creating a sequence of movements in gymnastics and, through Tag Rugby, continuing to develop core skills such as attacking and defending required in invasion games.

## Key Information

- PE days – Tuesday (indoor Gymnastics) & Thursday (outdoor Tag Rugby). Please ensure your child has the correct kit for both days.
- Buster book club reading night is Wednesday
- Please use the Reading Record to note when you have listened to or read with your child.
- The new school library has an array of books on offer, please remind your children to use it at break and lunchtime!
- We will aim to do the Daily Mile 3 x per week. We have a trainer rack outside the Year 5 classrooms if you would like your child to have a spare pair for this.
- Please remember coats and welly boots as the weather gets wetter.

## All living things:



# English Key Learning Facts

Key aim: To read and spell common exception words

This term's home learning focuses on the first group of words from the Year 5 common exception words i.e those that don't follow a common rule. Below is a list of the key words children should be able to spell:

accommodate	amateur	available
accompany	ancient	average
according	apparent	awkward
achieve	appreciate	bargain
aggressive	attached	bruise

## Suggested Activities

**Games** - Can your child guess which word you are thinking of, based on your clues? Can they match the word to the picture? Can you guess the word based on their clues?

**Understanding** - Check that your child knows what the word they are learning to spell means.

**Recognise the positives** - If you are checking spellings with your child, tick all the bits they got right. Everyone likes lots of ticks.

# Mathematics Key Learning Facts

Key aim: To use the formal written method to add and subtract numbers up to six digits.

### Column Addition

Start with the ones column Add the numbers in the ones column. If the answer is 10 or above partition and give to the next number. Work your way along all columns using the same method. (see example)

$$\begin{array}{r} 58723 \\ + 37514 \\ \hline 96237 \\ 11 \end{array}$$

### Addition

Add  
Addition  
Total  
Plus  
Sum of  
Combined

### Subtraction

Minus  
Take away  
Reduced  
Difference  
Subtract  
Subtraction

### Column Subtraction

Start with the ones column. Subtract the numbers in the ones column. If the top number is smaller than the bottom number you need to borrow from the next column. (see example)

$$\begin{array}{r} 8948 \\ - 263 \\ \hline 685 \end{array}$$

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

$$\begin{array}{r} \underline{\hspace{2cm}} + 126,352 = 543,156 \\ 345,234 - \underline{\hspace{2cm}} = 254,098 \end{array}$$

$$\begin{array}{r} 324 \square 12 \\ + 12 \square 124 \\ \hline 446736 \end{array}$$

Samantha has 438,670 DVDs in her collection. Tara has 234,548. How many DVDs do they have in total?

*More on the floor, borrow from next door, more on the top, go don't stop!*

*Thank you for your continued support.*