

# 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 time ahead. The information below shows some of the things the children will be learning and how you can help support them at home. Please do not hesitate to ask any questions you may have. We are really looking forward to a busy and engaging term with the children.

## Our learning this term

This term, Year 5 will be focusing their English learning around the book 'Clockwork' by Phillip Pullman. The children will analyse the way the author has used sentence structure, punctuation and vocabulary for effect whilst incorporating these key skills in their own mystery stories. Design and Technology will offer the children the opportunity to design and create a moving figure using cams or lolly stick structures – we will be using 'Clockwork' as our inspiration for these ideas.

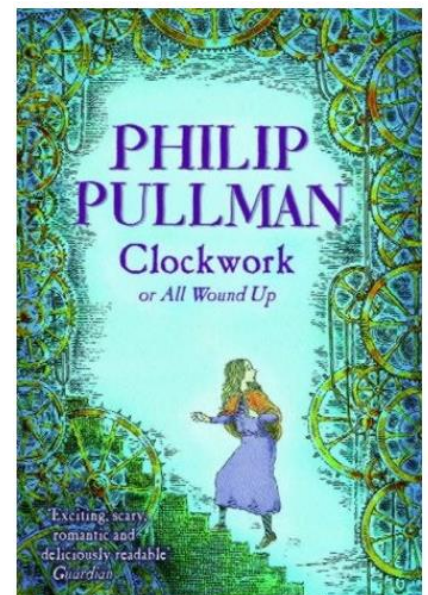
Our Science topic this term is Forces. The children will be identifying the effects of air resistance, water resistance and friction and observing what happens when this occurs between moving surfaces whilst recognising that some mechanisms (including levers, pulleys and gears) allow a smaller force to have a greater effect.

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 division and multiplication.

The 'Big Question' in RE is 'Was Jesus the Messiah?' The children will be learning how to use databases and spreadsheets in Computing. Music will be with Mr Miles where the children will be continuing to learn the ukulele. PE will involve the children creating a sequence of movements in gymnastics and, through Yoga, learn some breathing techniques and movements to help them feel calm and relaxed. In French, children will be practising writing words in French as well as re-capping previous learning based around numbers and letters. 'Celebrating Differences' is our topic for PSHE this term.

## Key Information

- PE days – Monday and Tuesday. 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 Thursdays – 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.
- We will aim to do the Daily Mile 3 x per week. We have space in our new sheds outside Year 5 classrooms if you would like your child to have a spare pair of trainers for this.
- Spelling Shed - Each week a new spelling rule will be introduced in class, with activities set on spelling shed to follow up at home, as well as the common exception words on the following page
- TTRockstars – This term we will be setting the children the 7, 8 and 12 times table. Please encourage your children to practise these weekly.



# 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)

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

### 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)

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

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

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

$$\underline{\hspace{2cm}} + 126,352 = 543,156$$

$$345,234 - \underline{\hspace{2cm}} = 254,098$$

$$324 \square 12$$

$$+ 12 \square 124$$

$$446736$$

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