

# Year 5 – Term 5 Information and Key Learning

We hope you all had a good break. Here's to a busy, productive and enjoyable term 5 – a term packed full of great learning opportunities. 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.

## 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 setting description of a chosen part of the book. 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.

This term, our Maths focus will begin by looking at the links between decimals, percentages and fractions. We will begin by exploring decimals with up to three decimal places before learning to add and subtract decimals. Then we look at turning decimals into fractions, rounding decimals and comparing and ordering them. Science will engage the children in the topic of 'Properties and Changes of Materials' where they will explore and compare the properties of a broad range of materials, investigate changes that are difficult to reverse, dissolve substances into a liquid to create solutions and find different ways to separate mixtures.

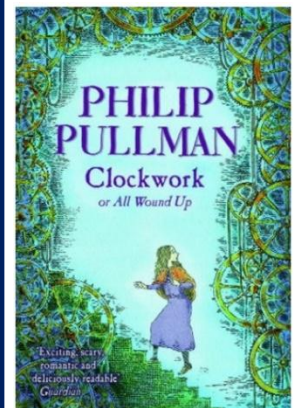
In Geography, we have an exciting unit called 'Water World'. The children will be looking at different water sources, the features of rivers and the water cycle. This unit gives us lots of opportunities for real-life experiences and we are kicking off the term with a visit to the River Dour in Dover, along with a specialist coming into school to help compare this with our closest river, the Nailbourne.

The Big Question in RE is 'What does it mean to be a Muslim living in Britain today?' The children will make connections between Islamic practice, teachings from the Qur'an and their beliefs about Allah. Children will also learn about the Five Pillars of Islam which each Muslim aims to live their life by, and make links to how this looks in Britain today. Music will be with Mr Miles where the children will learn to play the melodica.

'Relationships' is our topic for PSHE this term. The children will be continuing with their Mandarin learning each Friday afternoon and it is great to hear the children trying to use the language they have picked up. PE will offer the children the opportunity to develop their Rounders skills on a Monday and we will be having Forest School sessions during a morning session with Mrs Pearman this term. See dates below 😊

## Key Dates and Information

- Forest school dates are as follows: Thursday 23<sup>rd</sup> April, Tuesday 28<sup>th</sup> April, Thursday 7<sup>th</sup> May and Wednesday 20<sup>th</sup> May
- Monday 27<sup>th</sup>, Tuesday 28<sup>th</sup> and Wednesday 29<sup>th</sup> April - Bikeability - Please bring your bike and helmet onto the Junior playground
- Wednesday 29<sup>th</sup> April - Walk in Wednesday - Gates open from 2.40pm.
- Tuesday May 5<sup>th</sup> during the afternoon is our 3<sup>rd</sup> visit from The Pig Hotel where the children are learning about seasonality and food
- Wednesday May 6<sup>th</sup> (Maple Class) and Thursday May 7<sup>th</sup> (Holly Class) River Dour Trip - More details to follow.
- Wednesday 6<sup>th</sup> May - Colour Run (PM)
- Friday 22<sup>nd</sup> May - PTFA Dare to be Different Day
- Don't forget to use Timetable Rockstars, Spelling Shed and Wordshark to continue practising your times tables and spelling.
- Please do encourage your children to read on a daily basis and get their reading record signed by an adult in order for them to earn free time on a Friday.



# 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. We recommend 15 minutes per day.

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:

**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.

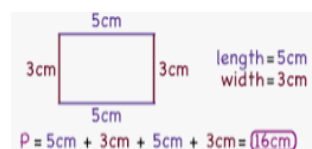
**Recognise the positives** - If you are checking spellings with your child, tick all the bits they got right. Everyone likes lots of ticks.

## Mathematics Key Learning Facts

Coming later in the term, we will be learning how to calculate the area and perimeter of different rectilinear and compound shapes. Can you find different objects around your house and calculate the area and perimeter – there are some top tips below to help you.

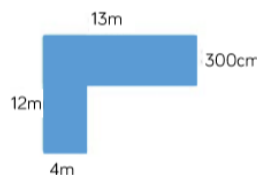
### Perimeter

1. Check all units are the same – if not convert them.
2. Calculate any missing sides.
3. Carefully **add** all the sides of the shape – use column addition to be more accurate.
4. Write your answer – don't forget to include the units!



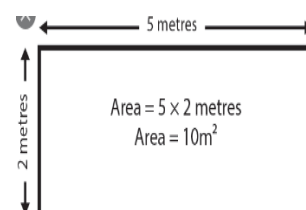
approximate  
estimate  
centimetre  
length  
width  
 $\text{cm}^2/\text{m}^2$

What's the  
area/perimeter?



### Area

1. Check all units are the same – if not convert them.
2. Calculate any missing sides.
3. **Multiply** the length by the width.
4. Write your answer – don't forget to include the units! ( $\text{cm}^2/\text{m}^2$ )



### Extra Challenge

Each square is 1cm by 1cm, what is the approximate area of the shape? How could you calculate the perimeter?

