

## Topic

Next half term we will continue with forces for the first two weeks. We will be designing, carrying out and evaluating our own scientific investigations all linked to a variety of forces. Have a go at creating your own experiment to investigate one of the forces - can you write instructions on how to carry your investigation out? In our design and technology sessions we will be designing and making products using levers, pulleys, gears and cams. See if you can find out about these at home - you could have a go at designing and making something at home using some of these! After finishing this topic, we will begin looking at properties of materials. We will be experimenting with solutions and mixtures and looking into how some materials can change their state.



## Reminders!

Please come to school in your PE kit every Wednesday and Friday morning.  
Please bring a coat and water bottle every day.  
Please bring homework back completed by Wednesday morning.

# A little book of things to work on at home

Year 5



Name.....

# Mathematics

In maths this half term we will continue to consolidate some of our previously learnt knowledge through our daily calculation sessions. We will start off the term by revisiting statistics, area and shape before introducing volume and area of shapes. Following this, we will spend time investigating relationships between decimals, fractions and percentages.

Please encourage multiplication as much as possible. Children need to know their times tables from 1 - 12 fluently. They will take part in a weekly times table Olympic challenge and will receive certificates as they move through the Olympic stages. Well done to those children who have already completed the Olympic level and have moved onto our super levels!

Telling the time is a key skill for children and we would appreciate if you could use opportunities to discuss the time and ask children to tell the time in everyday situations.

Mymaths and TTRockstars homework will be set every week, please ensure this is completed along with the paper-based homework. Homework is set in line with what children have been learning about in class and can be useful for consolidating areas of learning.



# English

In English this half term we will be focusing on a range of text types. We will be using our class novel to unpick a range of themes. We will be writing a diary entry, a letter and a balanced argument. We will finish the term with some fictional writing.

Reading these types of texts at home will help you understand the style and features of these types of texts, a local library will have examples of these.

## Reading

Please ensure you bring your book to school every day. It is important that children experience a wide range of texts. Please try to read to your child as often as possible even when they are fluent readers. Discuss any tricky vocabulary children face when reading so that they understand it and can try to use it in their own work.

Please make sure you read fiction and non-fiction both at home and school. This half term our class book is 'There's a Boy in the Girl's Bathroom' by Louis Sachar. Miss Tipple loves reading so if you read a really good book, write a book recommendation and she might give it a try!

## ICT based learning

This half term, we will continue to use coding to programme a sprite to move. We will use the software 'Scratch'. Coding consists of creating a set of instructions using programming software to enable objects/characters to move as you wish.

