

Topic

Our next topic will be forces. We will be designing, carrying out and evaluating our own scientific investigations all linked to a variety of forces. In science, we will research and experiment with air resistance, water resistance and friction. We will look at falling objects and ask questions about the ways in which different objects fall at different rates and then investigate whether we can make changes to these to speed up or slow down the pace of the falling object. We will record data we have collected and represent this data using graphs. 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!



Reminders!

Please come to school in your PE kit every Wednesday and Thursday 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 looking at converting between different measurements and finding the area and perimeter of a variety of shapes. We will move onto reflecting and translating shapes before spending some time learning about angles.

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 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 non-fiction text types. We will be researching, gathering information and data on forces before writing a non-chronological report. We will also write explanation texts using our findings from scientific experiments and instruction texts for how to carry these experiments out.

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. We will continue with our class book 'Who Let the Gods Out?' by Maz Evans. 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 begin 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.

