

# Year 5

## Maths

This term, the children will be looking at multiplication and division, focusing on building their knowledge around factors, multiples, square and cube numbers and prime and composite numbers.

They will then move onto looking at all things fractions! Including: equivalent fractions, comparing and ordering fractions, converting mixed number and improper fractions and adding and subtracting fractions .

In Computing, Year 5 will be exploring Microsoft Excel and investigating different shortcuts that can help them formulate and organise data.

The children will continue to practise their touch typing skills using [typing.com](http://typing.com).

In R.E. our topic will be Incarnation. We will explore the role of the Messiah within the bible and look at the importance of having one in the modern day.

In PE we will be looking at invasion games including tag rugby and football.

Children will develop key knowledge and skills for these games as well as teamwork skills.

In English, children will write a short piece which will link to the BBC 500 words competition. They will also write persuasive reviews based on their trip to the Winchester Science Centre. Children will use their geography knowledge to write diary entries written from the point of view of someone climbing Mt Everest. In these units, children will develop their understanding of the grammar and punctuation for year 5, including modal verbs and adverbials for cohesion.

In Geography, children will learn about the Himalayan mountains in Asia and Nepal. The children will be able to describe what a mountain is and where mountain ranges across the world can be found. They will also learn about how earthquakes happen. In particular, they will focus on the impact of the April 2015 earthquake in Nepal.

In Science, we will be learning about the forces on our planet and practise identifying them in different situations. We will also be creating our own investigations to try and answer some of the questions we have.

In DT, we will be designing and building our own CAM toys.

In Music, we will look at reading, writing and remembering musical notation.