

### History / Geography

As geographers we will be learning about the history of gaming. We will use the iPads and research how characters and games have developed over time to have better graphics and game play.

### PE

We will improve our physical fitness through gymnastics. We will be building up our ability to roll, and jump while maintaining good body control. We will also build up core strength. Swimming session will also continue weekly.

### Mathematics

As mathematicians we will be learning about Mental skills in addition, subtraction, multiplication and division will be reinforced weekly. Understanding place value of larger numbers. Negative numbers and decimal numbers. Written calculation methods in all four number operations will be extended and these will be applied to problem solving and measures. They will be used in everyday contexts during science and technology lessons.

### Computing

In our computing lessons We will improve our research skills using iPads and learn to use computer programming tools such as Scratch and Kodu to make our own computer game. We will also continue to learn about being E-Safe.

### Music

In music lessons We will learn to sing new songs from Mamma Mia and have a chance to play the recorder. This half term we will also perform our Christmas concert.

### Year 4 Autumn Term



### Science

As scientists we will explore how sound is made. We will discover what sound is and what different things effect sound. We will understand how vibrations make sound, through a number of experiments.

### PSHCE/Jigsaw

In our PSHCE lessons we will learn about 'being me in my world' and 'celebrating differences'.

### RE

We will identify meanings within Christmas and Divali.

### Art / DT

As budding artists we will develop our sketching and drawing skills with a focus on computer game characters. We will also build our very own 3Dcharacters from modelling clay, after spending time looking at costumes and colours.

### Literacy

In our Literacy lessons we will be studying Spelling lists will be sent home weekly. Handwriting will be taught regularly and children will be expected to use joined letters in all of their work. The use of punctuation will be reinforced and the children will be taught how to improve sentence structure. Key texts will include "The Iron Man "  
The children will also be learning the processes through Talk for Writing.

