

## Year 4

### Curriculum Coverage- Spring Term 1

**ENGLISH:** This half term we will be focussing on 'The Butterfly Lion,' by Michael Morpurgo. We will use our reading comprehension and drama skills to gain a greater understanding of the novel and consolidate our knowledge on using and punctuating speech in narrative. We will then use our skills to write our own chapter for the novel.

**MATHS:** We will be working on multiplication and division, and aiming to develop greater fluency in using times table facts. We will be applying our multiplication knowledge in solving real-life problems. We will begin to learn about length and perimeter.

**SCIENCE:** This half term we will be looking at 'Sound'. The children will learn how sounds are made and will make links to vibrations travelling through a medium to the ear. They will explore patterns between pitch and the object that produced the sound as well as volume and the strength of the vibrations. We will develop our scientific enquiry skills by investigating how different variables can be changed to create the best string telephone.

**HISTORY:** This half term we will learn all about what life was like under the rule of Queen Victoria for workers, families and children. We will learn about the huge changes that occurred during this important era including the Industrial Revolution. In February, we will visit the Victoria Tunnels in Newcastle to look at how they were used during Victorian times.

**ART:** In Art, we will be looking at the work of Alberto Giacometti, and the inspiration and philosophy behind his sculptures. We will increase our skills of observation by focussing on proportion and how this can be followed or distorted depending on the effect we want to achieve. We will use our knowledge and skills to create our own Giacometti inspired sculpture, based on body shapes that we create.

**MUSIC:** This term in Music, students will be developing their skills in music literacy through reading, improvising, and composing. They will explore pentatonic scales and learn how to apply them creatively in their own compositions.

**P.E:** We will be working on gymnastics. We will develop balancing, rolling and inverted movements and work on developing control in more complex sequences. We will also be learning how to play netball. We will learn the tactics involved in attacking and defending in invasion games, as well as the importance of honesty and fair play in sport.

**R.E:** In RE the children will be continuing learning about The Holy Trinity (please see Autumn Curriculum Coverage for further details)

**PSHE:** This half term, we will be learning about democracy and what it means. They will learn that there are different political parties and the processes involved in voting. Children will begin to understand the process of law making.

**COMPUTING:** Our Year 4 students will be diving into an exciting computing curriculum split into two key areas: Programming and Creative Computing. Using Scratch, students will develop their programming skills by exploring loops and repetition. They will design and create their own original sprite characters while learning about copyright and ownership. Along the way, children will build essential computing skills, including understanding algorithms, debugging their programs, and thinking like a computer scientist.

**FRENCH:** We will be learning how to greet each other and further conversational French.