

Year 6 Spring Term Curriculum Map (Second Half)



MATHS

Children will be learning to: solve problems involving ratio and proportion; calculate algebra using simple formulae; and draw, compose and decompose shapes according to their properties, dimensions, angles and areas.

Key vocabulary: vertices, edges, angles, parallel, perpendicular, ratio, proportion, algebra, formulae

ENGLISH

This term, we will be studying and writing a range of texts. We will continue to use *War Horse* by Michael Morpurgo as inspiration for our writing. We will also be reading *The Giants' Necklace* by Michael Morpurgo.

Key Vocabulary: parenthesis, modal verbs, subordinating and coordinating conjunctions..

SCIENCE

This term children will understand how light travels and how we see things. The children will also understand the effects of light being reflected and refracted.

Key Vocabulary: photons, sclera, pupil, iris, cornea, anterior chamber, lens, ciliary muscle, optic nerve, translucent, opaque, transparent

HISTORY

Children will be learning about local history and how mining influenced their locality (Coalville).

Key Vocabulary: Stenson, mining, Stephenson, colliery, pit, mine head, Coalville, economic, migration, push and pull factors.

MUSIC

Children will study music from around the world (Scotland, Brazil and India). They will learn key features: drone, raga and samba music, and compose a simple melody using the pentatonic scale.

Key Vocabulary: drone, raga, samba, composing and pentatonic scale.

PE

Children will be learning to master managing risk and moving safely over and under objects in parkour. In basketball, they will perfect their throwing, passing and catching techniques.

Key vocabulary: landing, vaults, sequencing, balance, tic-tacs, throwing, catching, intercepting, shooting, dribbling.

COMPUTING

We will be creating databases on Microsoft Excel and Microsoft Access linked to a significant World sporting event.

Key Vocabulary: data, sum, data set, website, equation, workbook, formatting, cell, formulas

RE

Children will study Christianity and will focus on the question: *What do Christians believe Jesus did to save people?*

Key Vocabulary: Gospel, The Last Supper, Passover, disciples, Bible, crucifix, resurrection, Christians, God, Jesus, sins, punishment, burden.

PSHE / RSE

Children will recognise their positive traits and achievements. The children will set goals for their personal development and persevere to achieve them. Throughout the term, the children will continue to develop their understanding of British values and protected characteristics.

FRENCH

Children will describe the planets in terms of their position, size and colour. They will also be taught how to join sentences together developing more fluent phrases.



Design & Technology

Children will use computer-aided design to design a blazer. Once the children have completed their design, they will create a blazer using a range of textiles, practising stitching techniques.

Key Vocabulary: stitch, seam, tacking, design, manufacture, joining, finishing, template, prototype