

Computing *E-Safety*: Pupils consider how to manage and protect their online presence and reputation. They learn about copyright and respect for others.

Numeracy



2-D and 3-D Shapes: Pupils learn to classify 2-D and 3-D shapes based on their increasing knowledge of shape properties, creating 2-D representations of 3-D shapes. They learn to distinguish between regular and irregular polygons, reasoning with this knowledge. Pupils investigate properties of quadrilaterals.

Volume: Pupils learn to use cube numbers and notation to estimate and measure volume. They learn to convert accurately between units of volume.

Problem Solving: Pupils solve problems involving negative numbers, calculating intervals across zero. They calculate the mean accurately, interpret remainders and investigate number; consecutive, palindromic and multiples.



Sports: *Young Olympians*: Pupils learn the different skills required to compete individually in a range of disciplines; running, aim; jumping; relay; throwing.

Fitness: *Step to the Beat*: Pupils learn to complete a sequence of fitness moves and steps in time with music. They build their stamina and track their progress.

Ark John Archer Curriculum Map Summer 2 – Year 5



R.E *Sikhism*: Pupils discover the importance of worship in the Gurdwara and how respect is shown to the Gurus. They explore the significance of important ceremonies.



Music *Ukelele*: Pupils learn to play notes and chords with increasing accuracy as part of an ensemble. They pay attention to rhythm, tempo and melody, exploring how to maintain consistency alongside their peers.



Spanish Pupils learn the vocabulary for emotions. They ask questions to establish how people feel.



History *The Industrial Revolution: Did the industrial revolution change the course of Britain and beyond for better or worse?* Pupils chart the changes over the period of time where Britain changed from a mostly rural society to an industrial one. They explore the concept of the British Empire and colonies, gaining an understanding of how slavery as impacted people across the globe, and continues to do so. They learn about significant changes; textiles; steam power; iron and coal. Pupils discover and assess the environmental impact over time.



Design & Technology *Gears and Cams*: Pupils explore how machines operate, before designing their own toy.



Our value this half term: Kindness



Science: *Growing Older: When do we grow up?* Pupils order the stages of human life and growth, comparing the lifecycle of a human directly with their knowledge of animal lifecycles and the aging process for other mammals. They discover how babies develop from womb to infancy, and how adults age over time. Pupils investigate the impact of aging on the human body, health and fitness.

Literacy *Cogheart*



Non-chronological Report: Pupils learn to structure and write an information text to reflect their knowledge gained through the History unit of work. They distinguish between fact and opinion and cite historical sources and artefacts to support their ideas. Pupils use text features, such as images, diagrams and timelines to convey the information with clarity and purpose.

Diary: Pupils draw upon the events of the story to write a diary entry representing the actions of a character central to the plot. They capture the thoughts and opinions of the character, as they overcome dilemmas.

Poetry: Pupils write poems to reflect what life was like for those in the industrial revolution.

PSHE & Health Pupils explore how to stay safe in a variety of different situations. They use case studies to consider how best to respond in an emergency and when first aid is required. Pupils also consider what it takes to maintain a healthy mental wellbeing.

