

Computing



We are software developers: Pupils learn to develop an educational game or app based on their learning across Autumn 1. They consider how best to engage and interact with their audience digitally.

Numeracy



Reasoning with 4-digit numbers: Pupils secure their knowledge of place value in 4-digit numbers. They compare and order numbers beyond 1000 and learn to add/subtract 1000 to/from any number. Pupils learn to round any number to the nearest 10/100/1000, and find 10/100/1000 more or less.

Addition and Subtraction: Pupils use known facts to derive addition and subtraction facts. They learn to use column method for adding and subtracting 4-digit numbers, and choose appropriate strategies when solving mentally. Pupils use bar models to represent a problem and draw upon this to find a solution.



Sports & Fitness

Invading Games: Pupils practise the key skills required for participating in team games, including passing, positioning, communicating and attacking.

Individual Boxercise: Pupils learn to make precise, controlled movements.



Ark John Archer Curriculum Map Autumn 1 – Year 4



R.E Hinduism: Pupils explore the significance of symbols including Aum; lotus flower; swastika. They explore the concept of diversity within the Hindu communities.



Music Voice & Samba: Pupils develop a deeper understanding of musical elements of pitch, duration, dynamics, tempo, texture, structure and tonality by participating in a repertoire of songs and instrumentals.

Spanish Pupils learn to use the 1st and 2nd person, to ask and answer what, how and where questions.



History Roman Invasions:



How did the Romans invade Britain and how successful were they? Pupils explore the timeline of attempted, failed and successful invasion of Britannia by the Roman army. They discover the roles of Julius Caesar and Claudius and their reasons for invasion and expansion of the Roman Empire. Pupils learn about Boudicca and the role she played in rebelling against the invasion.



Art & Design Collage / Mosaics: Pupils study different Roman mosaic designs, exploring the techniques used in the past to create one image. They create their own images, reflecting their knowledge of Roman history.



Our value this half term: Aspiration



Science: Teeth and Digestion:



Pupils learn about the different types of human teeth and their features. They investigate the effects of mistreatment of teeth and compare different animals' teeth. Pupils discover more about how to keep our teeth healthy. Pupils investigate the different parts of the digestive system, discovering the function of each organ and how they work together to break down food. They describe the journey food takes in our bodies.



Literacy

Core Text: Charlotte's Web



Story (Friendship and Dilemma): Pupils are inspired by key events in the story where friendships are tested, to write their own stories where characters face a dilemma. They consider how to build suspense for the reader and how to convey their characters' emotions as they make difficult decisions.

Biography: Pupils draw upon their learning in History to write biographies of key figures in Roman history. They consider why the figure has historical significance and filter their information to include facts. They consider how to show chronology using timelines.



PSHE Relationships: Pupils identify features of healthy, happy friendships, such as mutual respect, trust and shared interests. They explore strategies to build friendships and consider how to manage friendships online.

