

Computing *We are architects:*

Pupils learn to design, create and share a virtual space for a specific audience, such as a website or app.



Numeracy



Multiplication & Division: Pupils learn to identify multiples and factors and investigate prime numbers. They multiply and divide by 10, 100 and 1000 (integers) and use derived facts to support their calculations. Pupils learn to illustrate and explain formal multiplication and division strategies (long and short) and use a range of mental strategies at increasing pace.

Perimeter & Area: Pupils investigate the perimeter and area of rectilinear shapes. They estimate measurements before calculating using specific formulae.

Line Graphs & Timetables: Pupils read complete and interpret data presented in line graphs. They interpret timetables, calculating intervals between times.

Sports: ***Dynamic Dance:*** Pupils learn a variety of dance movements, balances and styles before composing their own sequences, demonstrating coordination and a sense of rhythm within a group.

Fitness: ***Bootcamp:*** Pupils track their progress weekly on a range of exercises designed to improve overall fitness.



Ark John Archer Curriculum Map



Autumn 2 – Year 5



R.E *Christianity:* Pupils explore teaching about specific values; love; forgiveness; justice; commitment; and the stories that teach these. They explore stories, symbols and celebrations that mark key events in teaching.

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



Spanish Pupils learn to use gender specific 3rd person to ask and answer what and where questions.



History *Vikings: How much did Britain change from 793AD to 1066?* Pupils discover who the Vikings were, how they came to invade Britain in 793AD, forcing King Alfred into hiding, and how they established a new territory, Danelaw. They explore life in Viking Britain and Viking society; the hierarchy of roles and responsibilities. Pupils learn how England became a unified country and how it was conquered in 1066.



Design & Technology *Textiles & Design:* Pupils study the features of Viking armour and weapons, evaluating the effectiveness of specific features before designing and crafting their own protective equipment.



Our value this half term: Respect



Science: *Forces:* Pupils learn to define forces and their impact. They discover how Isaac Newton's work helped us to understand forces and how this impacted the modern world and modern technology. They investigate friction, air resistance and water resistance to understand the effect these have on objects.



Literacy *Core Text:* Riddle of the Runes

Diary: Pupils draw upon key themes from the core text to create a fictional recount, recalling significant events in a character's journey. They learn to write in role as they assume the position of a key character, conveying the character's thoughts, actions and emotions, while writing in the first person and with accurate use of tense and punctuation.

Discussion and Debate: Pupils draw upon their learning in History to discuss, debate and write an argument to evaluate the impact of Viking invasions on the United Kingdom. They learn to detail both sides of the argument before drawing their own conclusions. Pupils make clear the distinction between factual evidence and opinion.



PSHE *Relationships:* Pupils learn differences between consensual and non-consensual physical contact, learning how to respect the rights of others. They learn to recognise and overcome prejudice and discrimination.

