

**Computing Coding:** Pupils learn to use different functions to programme a robot, before learning to construct and programme web pages with hyperlinks.

## Numeracy



**Securing Multiplication Facts:** Pupils draw upon their learning in Autumn Term to identify and explore patterns in the multiplication tables (including 7 and 9). They consolidate their recall and application of the times tables at pace.

**Fractions:** Pupils explore different interpretations and representations of fractions, making comparisons of size and identifying equivalence. They learn to represent fractions greater than one as mixed numbers and improper fractions. Pupils learn to add/subtract fractions with the same denominator, including those greater than one.

**Arithmetic:** Pupils practise their methods of finding fractions of quantities using known multiplication facts at pace.



**Sports: Gym Sequences:** Pupils learn a range of exercises designed to build strength and overall fitness and resilience. They record accomplishments and track progress over time.

**Fitness: Might Movers:** Pupils find ways to build strength, stamina and fitness through a range of exercises set to music.

## Ark John Archer Curriculum Map Spring 1 – Year 4



**R.E Buddhism:** Pupils discover stories that illustrate Buddhist values, including the Monkey King and Kisagotami. They explore aspects of dhamma (teachings).



**Music Samba:** Pupils learn to play a variety of percussive instruments, paying attention to tempo, pulse and beat to play in solo and as part of an ensemble. They listen carefully to their peers and respond to visual clues.



**Spanish** Pupils learn to use 1<sup>st</sup> and 2<sup>nd</sup> person to explain and question events in the present tense.



**Geography Amazon: Rivers and Rainforests**



***What is the Amazon, why is it significant and should it be protected?*** Pupils begin by studying the human geography of South America (including populations, languages spoken) before exploring the varying landforms and range in climates. They locate rainforests around the world and complete an in-depth study of the Amazon to understand the importance of rainforests in maintaining a healthy, functioning ecosystem world over.

**Art & Design Printing:** Pupils explore prints designed by William Morris to adorn textiles and fashions, before creating their own prints inspired by the natural world.



**Our value this half term:** Achievement



**Science: Classification and Environments**

Pupils discover how organisms rely on each other within a single ecosystem. They explore food chains and the concept of a food web, before classifying animals and plants using a range of advanced criteria. Pupils investigate how environments change for the better and worse, both naturally and through human intervention – and the long-lasting effects.

**Literacy Text: The Explorer**



**Diary:** Pupils explore the difference between writing using a formal and informal tone. They learn to write diaries in an informal tone, using the voice of a character in the story to capture key events in the story. They compare their use of language, structure and content to how this would present differently in a formal tone.

**Non-chronological Report:** Pupils draw upon their learning in Geography to create an information text about the Amazon Rainforest. They base their writing in fact rather than opinion and consider different ways to aid the reader's understanding, such as diagrams, images, key facts and data sets.

**PSHE Living in the Wider World:** Pupils identify how they belong to different communities and the shared responsibilities that come from these. They explore ways to show compassion and care to those in need.

