

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

## Numeracy

**Multiplication & Division:** Pupils discover multiplication and division facts for 2, 3, 4, 5, 6, 8 and 10 through exploration and investigation. They explore different multiplicative structures: including equal groups/parts; change and comparison; correspondence problems. Pupils explore relationships defined by commutativity and inverse operations.

**Deriving Multiplication & Division Facts:** Pupils learn to multiply and divide by 10 and 100. They multiply 2-digit numbers by 2, 3, 4 and 5 and solve corresponding division calculations. Pupils learn to divide 2-digit numbers by a 1-digit number using pictorial and written methods, using known mental facts at pace to complete calculations.

**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 3

**R.E Buddhism:** Pupils explore stories about Gotama Buddha; how he found an answer to all suffering; birth and upbringing; four signs of the renunciation; years spent in a forest; enlightenment; teaching; passing away.

**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 use the vocabulary of hobbies and food to ask and answer questions about preferences.

**Geography Europe: Mountains, Contrasting Location study of Italy **Where in the continent would you most like to visit and why?**** Pupils use maps to identify key physical and human characteristics, countries and major cities. They make direct comparisons between regions, including an analysis of the weather and climate. Pupils complete an in-depth study of Italy, using digital mapping tools to identify physical features and landmarks.

**Design & Technology Cooking and food design:** Pupils study the current market for fast food and restaurant standard pizzas before designing their own creations.

**Our value this half term:** Achievement

**Science: Light and Shadows:** Pupils explore both natural and manmade sources of light before learning how day and night are made through the rotation of the Earth. They investigate how light travels and reflects back, allowing us to see objects. Pupils also investigate objects that are transparent, translucent and opaque, and use mirrors to change the course of light rays.

**Literacy Text: The Queen's Nose**

**Non-chronological Report:** Pupils explore draw upon events from the story to write an information report on how to care for a rabbit. They use both fact and opinion to create a clear and concise guide. Pupils use a range of non-fiction features to enhance the reader's understanding, including diagrams, facts, images and captions.

**Advertisement and Promotion:** Pupils explore the language and features used to promote products to a consumer audience. Drawing upon events in the story, pupils create an advertisement for a brand-new bike model. They replicate this model to promote their own pizza creating from their design project.

**PSHE Living in the Wider World:** Pupils learn the reasons for rules and laws in the wider society, the importance of abiding by these laws and consequences if not. They discover human rights and how they protect people.

