

## English

During this term, the children will have the opportunity to explore a variety of texts and genres. The children will start off by learning a set of instructions and will then explore a non-chronological report, traditional tales and leaflets. These texts will allow children to understand the key features required in order to be able to write in different styles. Children will also be taught how to use and apply different punctuation within their writing such as exclamation and question marks. They will also be using a variety of sentence types, as well as using coordinating conjunctions and time conjunctions to join sentences together.

## Science

The children's knowledge and skills will be developed through our unit of work on famous scientists and inventors. There will be lots of opportunity for the children to develop their ability to work scientifically by performing simple tests, observing closely and using these observations to suggest answers to questions. During the second half of the spring term our focus will turn to plants, looking at their basic structure and what they need to grow and stay healthy. We will also be identifying and naming common plants, including trees.

## Computing

The children will have an opportunity to use technology for a purpose. They will take on the role of 'TV chef' and camera operator, creating a video that demonstrates how to make a healthy snack. They will produce an algorithm to help them deliver the instructions for their healthy snack in a clear and ordered way. We will learn how to use technology safely and respectfully, discussing our SMART message on a regular basis in order to raise awareness. Time will be spent ensuring that the children can identify where to go for help or support if they have any concerns about online content.

## Religious Education

The children will be learning about Sikhism. They will be looking at stories of the 10 Sikh Gurus including the importance of Guru Nanak. Additionally, the children will explore the holy place of worship - the Gurdwara and the importance of the Langar (free kitchen). This will develop their knowledge of sharing, being kind to others and equality. A visit to a local Gurdwara, will help to bring their learning to life.



## The Federation of Abbey Infant & Junior School

### Curriculum Map for Year 1

2022-23 - Spring term

For specific class information see <https://abbey-federation.secure-primariesite.net/topic/class-pages>

For dates see <https://abbey-federation.secure-primariesite.net/diary>

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## Our topic is Famous Scientists and Inventors.

Through this topic we will be teaching History, Science and Design and Technology.

This topic is about knowing and understanding the importance of significant people who have had a positive impact upon our world.

Each week our History lessons will introduce the children to a famous scientist/inventor. We will then use this lesson as a basis for our science lessons, providing the children with plentiful opportunity to work like scientists themselves - predicting, investigating, observing and recording.

In Spring 2, as part of our Walt Disney focus, our Design and Technology lessons will see the children designing their very own moving carriage. They will evaluate existing products, design their very own and have a day to bring their carriage to life!

## History

Through our topic, the children will be further developing the autumn term skills spanning living and non-living memory, nationally and internationally. Looking at a range of scientists/inventors such as Stephanie Kwolek, Alexander Graham Bell, Tim Berners-Lee and Maggie Aderin-Pocock to name a few. The children will gain an understanding of why they are so significant and the impact that their inventions/discoveries have on our lives today. Spring 2 develops these skills further through a focus on the American entrepreneur, animator and film producer, Walt Disney. Pupils find this highly engaging and it is a relevant line of study due to their age and stage of development. The skills of using historical vocabulary related to the passing of time, asking questions about the past and using sources to find answers, and understanding chronology, will all be developed over the term.

## Art & Design

The children will be experimenting with colour mixing: using primary colours to create secondary colours, adding white to create tints and adding black to create shades of colour. Kandinsky is studied as a famous artist. They will make use of the colour mixing skills they have acquired when replicating his style of work, producing Kandinsky-style concentric circles with paint.

## PE

There will be a focus on Games in Spring 1, to master basic movements including running, jumping, throwing and catching. We will also be working on developing balance, agility and co-ordination, and begin to apply these in a range of activities. Children will participate in team games, developing simple tactics for attacking and defending. Spring 2 will see the focus shift to dance. The children will perform dances using a range of movement patterns in which flexibility, strength, technique, control and balance will be developed.

## Design Technology

In the second half of the term the children will be designing a new carriage for Cinderella or the Prince! They will begin by looking at wheels, axels and chassis and evaluating existing designs. They will then use this knowledge to design their own carriage using a template. A DT day will be set aside so that the children can construct their chassis and use a range of materials and fixings to help to bring their design to life! A great opportunity to develop those all-important soft skills of decision making, creativity and problem solving.

## Maths

This half term, the children will be developing their understanding of numbers to 50, applying their knowledge of addition and subtraction to larger numbers and more complex number problems. Their learning will be supported through a variety of practical resources, including tens frames, number lines and base 10. This will secure the children's initial understanding before moving towards a more abstract approach. The children will then be introduced to length and height and will take part in activities requiring them to compare and measure objects. They will also develop an understanding of weight and capacity, making comparisons and using non-standard units of measurement such as cubes and cups.

## Music

During Spring 1 the children will be listening to and appraising different styles of music. The terms pulse, rhythm, pitch will be further explored. The children will be introduced to using symbols as an introduction into musical notation.

The children will learn to play an instrument to the beat of a song and compositions will be created using symbols. To accompany our Walt Disney focus, Spring 2 will see the children learning and singing songs from Disney films. The children will be accompanying some of the songs with percussion instruments.

## Geography

History will be the main focus for this term, with Geography skills being addressed in the Summer term.

## Life skills, soft skills and bucket list experiences

### Life Skills

Follow instructions  
Use a knife and fork  
Look after own belongings  
Bucket List

Colour mixing/painting  
Planting/gardening  
Making a moving vehicle

### Soft Skills

Creativity and problem solving  
Accepting responsibility  
Teamwork  
Communication  
Making decisions