



**Beech Class**  
**Mr Brown**  
**Curriculum Information**  
**Autumn 2022**

### Physical Education

The children will be taking part and learning the skills of tag rugby on Thursday afternoons with Mr Andrews and Mr Martin. On Friday mornings, the children will be using team work skills as they complete outdoor adventurous activities. After half term, the units will be Dance on a Thursday and Gymnastics on a Friday.

### Knowledge and understanding of the world

Through our topic sessions the following questions (and many more) will be answered...

When was WW1? Who were involved and why did it start? What was life and the conditions like in the trenches? What was the Christmas Truce? What sorts of weapons were used? What type of propaganda was used? Where were the main battles fought? Which vehicles had a significant impact on the war? Who were the Conscientious Objectors and what did they believe? What was it like at home during the war? What role did women play in the war efforts? How did it end and what were the consequences? How did the world change following the end of the war? How are people and key events remembered and honoured?

In Science the children will learn about evolution and inheritance where they will learn to identify inherited and adapted traits, understand that adaptations are random mutations, examine fossil evidence supporting the idea of evolution and identify the difference between selective breeding and cross breeding. After half term the children will learn about living things and their habitats by sorting and grouping animals based on their features and characteristics, understand the development of Carl Linnaeus's classification system, design a creature with a specific set of characteristics, name types of microorganism and set up an investigation into harmful microorganisms, invent a microorganism based on given characteristics and complete descriptions on the characteristics of organisms.

### Maths

To begin the year, we are focussing on ensuring all the children have an understanding of the key concepts of place value by being able to identify the value of digits up to ten million, represent numbers in different ways, make comparisons and order numbers, round to any degree and calculate through negative numbers. Following this we will consolidate the methods for calculating all four operations and revisit the concepts of multiples, factors, prime numbers, square numbers and cube numbers and then learn about order of operations. Afterwards we will move onto fractions where the children shall learn to simplify, compare and order, add and subtract, multiply and divide, find fractions of amounts. We will conclude the term by practising converting units of measurements for both metric and imperial measurements. Throughout the term there will be a large emphasis on problem solving and using reasoning and developing the speed of recall and recognition of times table facts.

### English

We will be starting the term by writing a non-chronological report with a science focus inspired by a retelling of Darwin's On the Origin of Species. We will then move onto stories set in World War One where we will be reading as many books as we can to deepen our understanding about the effects of World War One whilst trying to understand the implicit and explicit meanings within a text. This will include War Horse, Armistice Runner and various poems. The class will engage in a wide range of writing genres such as narratives, character and setting descriptions, explanations, recounts in the form of diaries, informal letters. Throughout the term we will gradually introduce new grammatical skills, generate more challenging spellings, encourage exciting vocabulary choices, support the children in developing their editing skills and promote a legible and fluent handwriting style.

## This term's topic is: *World War One*

### Personal and Social Development

In PSHE the children will undertake E-Safety and learn how to deal with issues that create negative feelings, learn about the impact of sharing personal information online, developing a positive reputation online and managing personal passwords. In our Belonging and Beginning unit the children will develop strategies and approaches to make the classroom a happy place to learn, identify a range of people in their Support Network and develop ideas to make people feel welcome. After half term the class will complete a unit on Family and Friends where the children will recognise how relationships change and develop, how differences can be a positive aspect to friendships and recognise the pressures which can occur in group situations. We will also have our annual Anti-bullying week where the children will revisit the key characteristics of bullying which will enable them to develop, explore and apply definitions of bullying to a range of situations including cyberbullying. In RE the children will learn about Islam beliefs and practices and Christmas time in Christianity.

### Creative development

In Computing the children will be learning about key aspects of E-safety and discover the history of code breakers and password hacking where they will create presentations about historical figures. Later in the term they will write, record and edit radio plays set in WW1 and look back at how computers have evolved over time. In DT the children will create their own trench model and also research and cook a savoury dish associated with the era of WW1. In Art the class will research and investigate the portrayal of the First World War through the work of artists. They will focus on the work of Paul Nash and his portrayal of landscapes wrecked by war, experimenting with oil pastels and paint, creating a painted composition based on photos of the impact of war on landscape. In Music the children will learn songs from WW1 and use and develop listening skills to analyse songs and use this and all inter-related dimensions to improve composition work. They will use poetry as a stimulus also.