



**Beech Class**  
**Mr Brown**  
**Curriculum Information**  
**Autumn 2021**

### 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...

What were the key events that lead to the beginning of WW2?  
What was life like in Nazi Germany? What was said during the declaration of war speech? Was WW2 inevitable? Who were the allied and axis powers? Who were the main leaders of the countries? What were the key battles that took place? How did the evacuation process work? What food did people have during rationing? What was the role of women? What happened during the Blitz? What were air raid shelters made from and how did they keep people safe? What type of propaganda was used? What new technology and machinery were invented? What is anti-Semitism and the holocaust? How did WW2 end?

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. Lastly the class will complete work on position and direction where they will work within four quadrants and translate and reflect shapes. Within this, we will be learning to find common multiples, factors and equivalent fractions. In addition to this, the children will also rehearse the conversion of units of measurement and interpreting graphs and tables. 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.

**This term's topic is:**  
*World War Two*

### 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 Rights and Responsibilities unit the children will learn about their basic rights, and how these apply to children worldwide through the United Nations Convention on the Rights of the Child. After half term the class will complete a unit on My Emotions where the children will develop their understanding and recognition of their own emotions and those of others, including how we might express and respond to those feelings. 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 the Bletchley 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 WW2 and look back at how computers have evolved over time.

In DT the children will create their own Anderson shelter model and also research and cook a savoury dish associated with the era of WW2.

The class will research Henry Moore tube drawings in Art and use charcoal, chalk, ink and wax resist to create their own Blitz inspired piece of art.

In Music the children will learn songs from WW2 and use and develop listening skills to analyse songs and use this and all inter-related dimensions to improve composition work. To use artwork as a stimulus also.

### English

This term we will be using stories set in World War Two to help inspire our writing. These novels include: Our Castle by the Sea, Letters from the Lighthouse, Rose Blanche and Friend or Foe. We will also use a range of non-fiction texts and poems to capture the children's interests. 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 or autobiographies, formal report writing or letters, persuasive writing, balanced arguments and poetry.

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.