



**We are Engineers:** In our 'We are Engineers' theme, children will use skills of STEM (Science, Technology, Engineering and Maths) to solve problems and create products. All children will be given a design brief to follow in order to create their own products – they will then explore the 'design, make, evaluate process' to create their products. Some children will have the opportunity to combine their products with elements of computing to develop 21<sup>st</sup> century products.



## Year 1 - Toy Robots

In **DT** children will create a range of structures using the most appropriate materials and learn how to use these to solve possible problems. They will create a toy using different materials which can move. In **History** children will look into how things have changed over time. Children will use a range of materials to look at aspects of the past and identify differences between the past and present. In **Computing**, children will be exploring algorithms and how to programme a digital device. They will learn how to input simple instructions using mainly Beebots. In **English**, we will be recapping basic grammar elements such as full stops and capital letters. Children will learn about the use of capital letters in pronouns and how to use exclamation marks in their writing. We will focus on spellings in phonics and class to make sure that children are applying their phonics knowledge in their writing in preparation for the Phonics Screening test.

## RSE/PSHE

Created to love others

## PE

Run, Jump, Throw  
Hit, Catch and Run

## Theme Impact

Children will look at how technology has changed the world around us and the impact it has on their daily lives. Children will identify change between objects from the past and present and the reasons for these changes.

## Cooking

Pitta Pockets

## Catholic Social Teaching

Children will focus on human dignity linked to inventors. How are inventors like God? What did God create? Children are to make links to humans being created in the image of God. What special gifts and talents do inventors have? How has these talents changed the world for the common good?

## Chosen texts

## Application

Children will collaborate with their peers to create working, moving toys and test these under various conditions. They will complete the process of planning, designing, creating and evaluating their products.

