

# Year 2 – Spring Term 1 2022

Does a robot have a heart?  
Do robots have emotions? How do you know?

Topic Driver –  
Science  
Recycling  
Project

Topic Outcome  
Whole school  
recycling project.  
Year 2 will build a  
robot from the  
unrecyclable

## ENGLISH

We will be writing our version of a narrative 'finding' tale, using the talk for writing process. We will use our knowledge about materials to describe the main character – a robot. We will develop positive attitudes towards and stamina for writing by: writing for different purposes and writing a non-chronological report.

In our writing we aim to build confidence in our language features and to create exciting explanations by using subordination (using when, if, that, or because) and co-ordination (using or, and, or but). We will look at rhetorical questions and adverbs to describe the main character and show his emotions to make the reader feel sympathy and empathy for him. We will continue to learn to read and spell using RWI and by segmenting spoken words into phonemes and representing these by graphemes, spelling many correctly. We will also learn to spell common exception words. Our handwriting will have the correct spacing between words that reflects the size of the letters.

## History

In history we are going to explore people who are beyond our living memory and look at them and events that are significant both nationally and locally.

We will begin by looking at the importance of George Stephenson, a famous local person who had a massive worldwide impact. We will also use a wide range of sources, including trips and eye witness accounts to build a picture about the past. We will look at timelines and his professional and personal life.

T4W –Non -Fiction – Non-  
Chronological Report  
Recycling Materials

**Innovation:** RE – a report  
about Newcastle Cathedral

**Invention:** History – a  
report about George  
Stephenson.

## COMPUTING

We will be using 2Question, to teach the children how to use a binary tree to sort information and they will then manipulate their data and answer questions relating to their data.

## PSHRE

We will be looking at lots of different relationships and the 'VIPS' our very important people. We will be learning about the people whose job it is to help keep us safe, about the roles different people (e.g. acquaintances, friends and relatives) play in our lives. We will also be looking to identify the people who love and care for us and what they do to help us feel cared for; about different types of families including those that may be different to our own.

## Innovation

We will change the character that the Robot finds to help.

**Invention:** The main character will be changed.

## MATHS

We will be learning the following topics:  
**Multiplication and Division:** We will be learning to calculate multiplication and division questions and write them using the multiplication ( $\times$ ), division ( $\div$ ) and equals (=) signs, show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.  
**Times Tables:** We will be practising our ten times table, five times tables and two times tables.  
**Little and Often** – we will also be revising our addition and subtraction facts as well as time and problem solving.

## PE

We will use a range of vocabulary to describe moods and how dances make them feel, remember and repeat simple dance phrases and perform dances using simple movement patterns

## RE

What happens in a Christian place of worship?  
How does a place of worship help Christians to develop their beliefs about Jesus?  
How do Christians try to follow Jesus' example?

## CREATIVE

In our art lessons we will be learning to scrunch, roll and shape materials and bond materials to create a 3D recyclable robot.  
In music we find out that some songs have a chorus or a response/answer part.  
To know that songs have a musical style.

## SCIENCE

In science we will be learning how to identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. We will then use this knowledge to support our recycling project.

## T4W

Fiction:  
Finding  
Tale – The  
Robot and  
the Bluebird

