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## Rise of the Robots



**Maths** – Fractions; formal multiplication and division

**English** – Love that book – Leon and the Place Between

**Core text** – Iron Man by Ted Hughes

**Science** – Understanding electricity, circuits and components

**D&T** – Levers and linkages

**Computing** – Programming skills

**Art** – Drawing inspired by Eric Joyner; Textiles - sewing

**PE** – Dodgeball or Tag Rugby

**RE** – Christianity – Forgiveness and Easter

**Music** – Lean On Me

**Year 4**  
**Spring 2 2022**

# Glossary

The key words we will need to be able to use, in both discussion and in our writing:

<b>Word</b>	<b>Definition</b>
algorithm	
debugging	
programming	
instruction	
conductor	
insulator	
circuit	
electricity	
cells	
wires	
bulbs	
switches	
buzzers	
lever	
linkage	
component	

Please help your child to complete the glossary and be able to use and spell the words. Feel free to add any additional topic related vocabulary that you think of.

## **We will be learning these skills by taking part in a series of exciting learning activities:**

- **Investigating which materials would be best to make robots from.**
- **Creating circuits to light up the dark**
- **Writing robot stories**
- **Predicting the future of robots**
- **Exploring the work of Eric Joyner and producing artwork inspired by his techniques**

## **Your child needs your help and involvement! Please get involved by:**

- Take your child to the library & get books and resources about the topic**
- Look at the tasks in your household, how many are completed by machines?**
- Support with a design project on a household robot**
- Discuss how you think robots help you now and in the future.**

## What else is happening?

### Values Education

The whole school values for February and March will be 'Pride' and 'Respect'. Our Jigsaw topic will be 'Healthy Me'

### Homework

Every Friday your child will bring home a class homework sheet. It is expected that ALL children read a **minimum of 4 times** per week and this is recorded in their home reading records.

### Clubs

<b>Breakfast Club</b>	<b>Every morning 7.45 – 8.50am</b>
<b>Lower Site After School Club</b>	<b>Every Day 3.15 – 6.15pm</b>
<b>Upper Site After School Club</b>	<b>Every day 3.15 – 6.15pm</b>

### Forthcoming Events

<b>Friday 11<sup>th</sup> February</b>	<b>End of Spring Term 1</b>
<b>Monday 21<sup>st</sup> February</b>	<b>Inset Day – School Closed</b>
<b>Tuesday 22<sup>d</sup> February</b>	<b>Start of Spring Term 2</b>
<b>Wednesday 23<sup>rd</sup> February</b>	<b>Year 6 SATs Information Evening</b>
<b>Tuesday 1<sup>st</sup> March</b>	<b>Secondary School Allocation Day</b>
<b>Wednesday 2<sup>nd</sup> March</b>	<b>School Photographer – Class Photo</b>
<b>Friday 18<sup>th</sup> March</b>	<b>Red Nose Day</b>
<b>Tuesday 29<sup>th</sup> March</b>	<b>Parent/Teacher Consultations 5.30pm – 8.00pm</b>
<b>Wednesday 30<sup>th</sup> March</b>	<b>Parent/Teacher Consultations 3.30pm – 6.00pm</b>
<b>Friday 1<sup>st</sup> April</b>	<b>End of Spring Term 2 - 2.15pm Finish</b>
<b>Tuesday 19<sup>th</sup> April</b>	<b>Inset Day – School Closed</b>
<b>Wednesday 20<sup>th</sup> April</b>	<b>Start of Summer Term 1</b>