

Speaking and Listening / Grammar / Reading and Writing

In English, we will be looking at instruction texts, linking this with 'Iron Man' by Ted Hughes. Children will then write non-chronological reports about the robots they will be designing and building in Design Technology.

We will then move on to writing warning stories based on books such as 'The Hairy Toe', 'The Visitor' poem and various other spooky stories. Children will focus on building suspense and tension, then creating a shock ending and writing for action.

In reading, we will be looking at 'The Iron Man' by Ted Hughes. Children will be concentrating on building their vocabulary as well as developing their inference skills.

History

Children will learn about the history of electricity, scientists and historical figures that have influenced its development and how this has impacted human development over the years. For this they will develop timelines, carry out primary and secondary research and present their findings accordingly.

Children will investigate items and artefacts from the past, linking this with electricity and discussing their importance. This will be linked with our English work, specifically the book 'Until I Met Dudley' which looks at how everyday electrical work.

Mathematical Development

In maths we will be looking at fractions as well as multiplication and division, moving on to mastering this. Children will continue to consolidate their times table facts (including practising recall with the Times Table Rock Stars programme). Children will be also continuing to consolidate our skills with addition and subtraction.

Spanish

In Spanish, we will continue to learn basic vocabulary such as days of the week and food and drink.

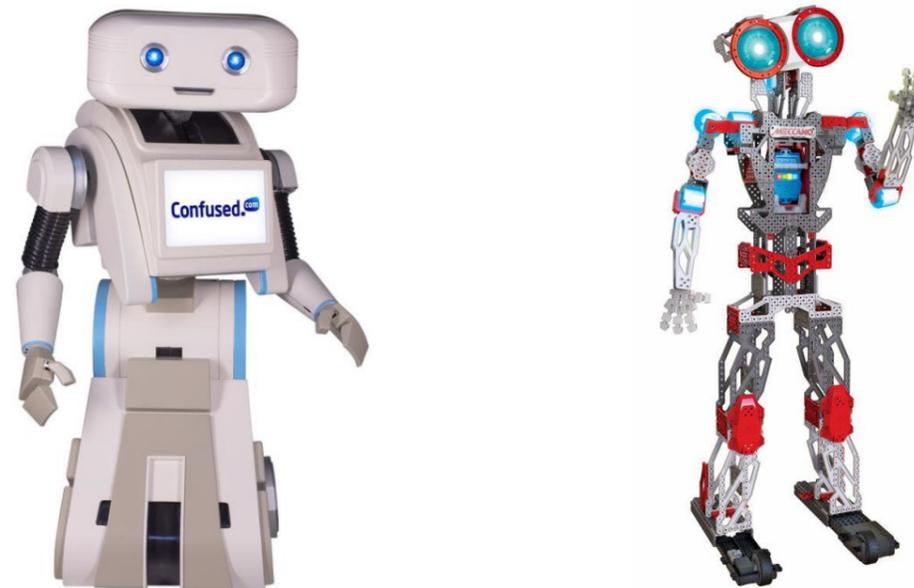
Art /Design Technology / Music

In design technology, the children will be designing and making a robot using various materials. The robots will involve electricity as the children will incorporate batteries, bulbs and wires into their designs.

We will also use ICT to help us design our robot models.

Children study music with a specialist teacher on a weekly basis and will be exploring 'musicals' and their features, using older and then modern examples.

Theme - 'The Rise of the Robots'



English and story time texts:

'The Iron Man' by Ted Hughes

'The Hairy Toe' (traditional tale)

'The Shocking History of Electricity' (Usborne non-fiction)

'Until I met Dudley' by Roger McClough and Chris Riddell

'The Visitor' (poem by Ian Serraillier)

Home learning

The children will have the chance to complete some homework regarding electricity and other aspects of our topic. Children must also keep reading at home, practise their spellings and times tables, as well as completing weekly homework that usually includes mathematics (of which they complete the section that best suits their ability level with some challenge) and some kind of literacy.

Science

The children will learn about electricity. They will learn about:

- electrical circuits
- conductors and insulators
- scientific vocabulary
- circuit diagrams
- staying safe with electricity
- the history of electricity
- sorting items (electrical and non-electrical)
- battery and mains operation

Children will investigate: how to alter the brightness of bulbs in an electrical circuit; which materials are insulators and which are conductors; the effect of switches within a circuit. They will predict whether a bulb will light, based on circuit diagrams.