

Theme: Mighty Machines

DT

Children will be learning all about fairground rides as part of our Mighty Machines topic.

In science they will be learning about electricity and the topic will culminate in children designing, making and testing their own fairground rides.

Parents will be invited to come to an 'All the Fun of the Fair' afternoon to see our 'mighty machines' at work!

History

As we are reading 'Cogheart' as our class text, children will be researching the history of airships and creating their own report.

Maths

We will be using all our measures skills when designing and making our fairground rides! We will also be using our understanding of ratio and proportion to make some 'fairground goodies' for parents to hopefully enjoy.

Geography

Children will look at plans to develop the new playground and use fieldwork to measure, record and present their ideas.

Art

We are looking at architects through history with a particular focus on Gaudi. Gaudi was a Spanish architect who famously created mosaics in parks and playgrounds. The children will be creating their own mosaic tile for our new playground.

English

An exploration of the mystery genre.

Beetle Boy and Varjak Paw – guided reading texts for free readers.

Poetry – using surrealism after studying 'The Scream' by Edvard Munch through the text 'Voices in the Park'.

Fictional writing in role – Cogheart.

Children will write a diary from the point of view of one of the main characters.

Settings and mystery stories - Children will use their understanding of the mystery genre from reading Cogheart to create their own mysteries.

Balanced argument – should humans be developing AI?

Non-chronological report – fairgrounds and theme parks.

Instructions – how to make their fairground rides.

PSHE/Debate

New beginnings.

Getting on and falling out.

PE

Multi-sport skills: agility, coordination, balance - Wednesday then Tuesday after October break.

Swimming (Y5) and Invasion Games (Y6). - Friday afternoons.

Religious education

Teaching and Authority.

Date: Autumn 2017

Maths–

Number and place value
All four operations – formal calculations.
Measures.
Algebra and problem solving.
Open ended investigations.
Fractions, decimals, percentages.
Ratio and Proportion.
Geometry.

Science

Investigative Science:

We will be planning and conducting our own experiments: designing fair tests, making predictions, observing and measuring, using tables/ graphs to present results, reaching conclusions. To link with our topic we will be designing and testing our own rockets and experimenting with the most effective rocket fuel!

Electricity:

Children will be understanding how circuits are made and drawn and testing different switches. They will use this knowledge to create a fairground ride with moving parts.

Computing

Learning about e-safety to keep themselves safe online.
Using code to create and debug programmes.

MFL

French: The high street, directions, food, Christmas (including learning a Christmas song).

Music

Playground chants and songs.