Year Five

Spring Term – Back to the Future

As readers, these are some of the texts our children will use to support their learning:

Fiction

Contemporary stories

Happy Here: 10 Stories from Black British Authors

Wordless Picture

'Flood' by Alvaro F. Villa

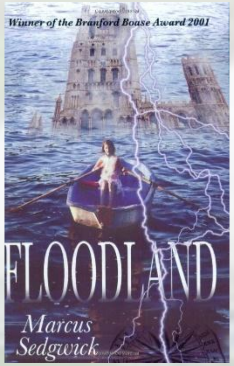
Non-Fiction

Letters

Instructions

Fiction

'Floodland' by Marcus Sedgwick



Our children will use the texts and the links to the curriculum to develop their skills by using:

- syllable practise
- short sentences to build suspense
- embedded relative clauses, marked with commas for parenthesis
- brackets to add parenthesis
- direct speech, changing where the reporting clause is in the sentence
- dashes to add parenthesis
- the past perfect form to mark relationship of time and cause
- ISPACED to open a sentence

Marshland Moments

Be a Marshland mini police officer

Care for our coast

Key Events

Educational Visit

Visit York Railway Museum

As mathematicians, our children will learn:

<u>Weeks 1 – 3 - Number</u>

Multiplication and division B

<u>Weeks 4 – 5 - Number</u>

Fractions B

<u>Weeks 6 – 8 – Number</u>

Decimals and percentages

<u>Weeks 9 – 10 – Measurement</u>

Perimeter and area

<u>Weeks 11 – 12</u>

Statistics

As Y5 scientists, our children will work scientifically:
- planning different enquiries, taking measurements and using a range of scientific equipment
- recording data and results and presenting these using a range of methods
- using test results to make predictions and carry out further tests and reporting and presenting their findings
- identifying scientific evidence that has been used to support or refute ideas

Materials - Changing States
- know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution
- use knowledge of solids, liquids and gases to describe how mixtures might be separated through, including through filtering, sieving and evaporating
- demonstrate that dissolving, mixing and changes of state are reversible changes.
- explain that some changes result in the formation of new materials and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda

Properties of materials
- compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets

give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic

As historians, our children will develop an understanding of:

How has Doncaster influenced the rail industry?

Local history study

As geographers, our children will be investigating:

How has transport changed our locality?

Local history study

As designers and users of technology, our children will develop their skills and their knowledge of mechanical systems by:

Mechanical Systems – Cams

Existing Products: variety of toys, models using cams for moveable parts

How can children create a moving scene for younger children to enjoy?

As artists and designers, our children will investigate:

Painting and Printing

Artist: Justin Gaffrey

Outcome: Textured train paintings

Link: History – rail industry

As linguists, our children will use and learn French vocabulary linked to:
- At the market
- Clothes

As musicians, our children will study:

Singing and improvising

Improvising and composing

In physical education, our children will:
- develop their skills in gymnastics with a focus on balance.
- develop their skills in dance, with a focus on ‘rock and roll’ style.

In Personal, Social and Health Education, our children will study:
- Feelings and emotions
- Computer safety
- Being responsible

Investigating world religions through the Doncaster Agreed Syllabus for Religious Education, our children will follow the lines of enquiry:

What values do people live by?

As computers and users of technology, our children will:
- develop their knowledge about how to stay safe online
- use databases to organise and interpret data
- use a variety of tools in Word to publish their writing