



Saint Mary's Catholic Voluntary Academy

Ladybower Lent 2 Newsletter

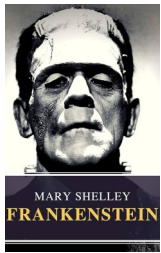
English

Cracking Contraptions—Wallace and Gromit

Ladybower are going to produce an explanation text based on one of Wallace and Gromit's 'cracking contraptions'.. 'The Snoozatron!' They will explain the different components that make up this contraption and what each mechanism does to help Wallace drift off into a deep sleep.



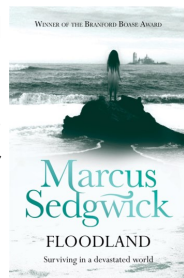
Frankenstein—Mary Shelley



Our next pieces of writing link in with our current Science topic, Electricity, where we will be looking at extracts from the story of Frankenstein. Ladybower will produce a piece of writing describing the exact moment that the monster comes to life, an an emotive speech as they take on the role of the monster.

Floodland—Marcus Sedgwick

Our last piece of writing will be based on our Guided Reading book, Floodland, which links in with our Geography topic. The class will write a persuasive letter all about how to look after our world.



Maths

Using White Rose Maths, we will be covering the following areas of learning;

Area, perimeter and volume

- Perimeter of rectangles and rectilinear shapes
- Area of rectangles and compound shapes
- Area of triangles and parallelograms
- Volume of a cuboid
- Estimate volume and capacity

Statistics

- Line graphs
- Bar charts
- Read and interpret tables
- Pie charts
- The mean

Volume (Year 5)

- Cubic centimetres
- Compare and estimate volume
- Estimate capacity

Ratio (Year 6)

- Use ratio language
- Ratio and fractions
- Use scale factors
- Similar shapes
- Ratio and proportion problems

Algebra (Year 6)

- Function machines
- Form expressions
- Substitution
- Formulae
- Solve equations



RE

Desert to Garden

How can we live a good life, especially during the season of Lent, to ensure eternal life with Jesus in Heaven?

- Explain what happens at the Ash Wednesday Mass and how Christians mark this day
- Describe how Catholics define sin, making links with the Ten Commandments and Jesus' great commandment as guides for a good life.
- Describe Catholic beliefs in the last things, death, judgement, heaven and hell.

- Know that the Rosary is a prayerful reflection on the life of Christ and explain what the sorrowful mysteries remember
- Recognise that the words of St Paul describe the belief that through the Resurrection of Jesus, people can follow his path to heaven
- Think about the temptations that Jesus faces in the wilderness and ask 'what if' questions about the times they have faced temptation in their own lives.
- Consider how examining their conscience could help them recognise when they have acted to hurt themselves or others and how they could change.



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Science

Electricity



- Explain the importance of major discoveries in electricity
- Observe and explain the effects of different volts in a circuit
- Use recognised symbols when representing a simple circuit in a diagram
- Understand variations in how components function
- Conduct an investigation and record data and report findings

Geography

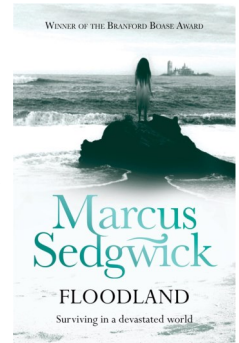
Our Changing World



- Explain how water and weather can change the landscape
 - Understand how coastal features are formed
 - Identify coastal features of the UK
- Explain how the make-up of the United Kingdom has changed over time
- Explain how the international borders of Europe have changed over time
- Explain how and why landscapes change
- Predict how physical factors might change the landscape in the future

Guided Reading

In our Guided Reading sessions we will be reading the book, *Floodland* which links in with our Geography topic for this half – term. This gripping novel is about a girl and how she survives in a devastated world.



'A girl named Zoe is left alone by her parents in the ruins of Norwich, which has become an island where food and water are becoming increasingly scarce. She escapes to Eels Island (Ely Cathedral) where she discovers a sinister society run by a strange boy named Dooby. Will she ever find her parents?'

We will be using the Reading Vipers techniques of vocabulary, inference, prediction, explain, retrieve and summarise to engage and understand the text in depth.

The Year 6 pupils will also be focussing on SATs-style reading questions alongside our normal Guided Reading sessions.

How can you help?

This half term, the children in Ladybower will have **OTIS** on a **Monday** and **PE** on a Wednesday.

Your child should be reading every night, please ensure that they are doing this and to write in their reading diary when they have done so.

Homework is set on a Monday and is due the following Monday.

Spellings are tested on a Friday, and a new list is given out on Fridays. Spellings can be accessed on Spelling Shed and the children's logins are in their reading diary.

Spelling Shed/Maths Shed - please ensure your child is accessing these regularly at home. It will help to embed their spellings and improve fluency particularly with times tables.