



Saint Mary's Catholic Voluntary Academy

Ladybower Lent I Newsletter

English

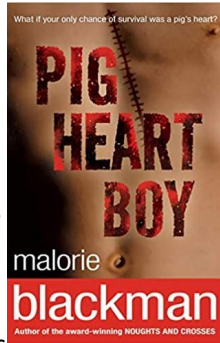
Pig Heart Boy

Cameron is thirteen, and all he wants is a 'normal' life—friends, swimming, family. But his life is far from normal. Not every thirteen-year old desperately needs a new heart because theirs doesn't work properly. Cameron could, if he and his parents agree, take part in a radical and controversial procedure that has never been done before... a procedure involving the transplant of a pig's heart into his human body. Surely everyone will understand that it's better to have a pig's heart that works, than a human heart that doesn't—won't they?

We are going to produce a newspaper report and also a balanced argument based on the question of 'should xenotransplantation be allowed?'

Cracking Contraptions—Wallace and Gromit

Ladybower are then going to produce an explanation text based on one of Wallace and Gromit's 'cracking contraptions'.



Maths

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

Fractions

- Multiply unit and non-unit fractions by integers
- Multiply a mixed number by an integer
- Multiply fractions by fractions
- Divide any fraction by an integer
- Find a fraction of an amount

Decimals

- Decimals up to 2 decimal places
- Decimals up to 3 decimal places
- Place value—integers and decimals
- Order and compare decimals
- Round to the nearest whole number
- Round to 1 decimal place
- Round to 2 decimal places

Area, perimeter and volume

- Perimeter of rectangles and rectilinear shapes
- Area of rectangles
- Area of compound shapes
- Estimate area
- Area of triangles
- Area of parallelograms

RE Galilee to Jerusalem

How Can Jesus' greatest commandment and the Beatitudes be used as rules for living our own lives?

- Recognise that Jesus tells his followers important messages through the Beatitudes.
- Make links between the Ten Commandments and The Beatitudes.
- Describe the Transfiguration highlighting the importance of Moses and Elijah.
- Make links between the seven petitions (requests) of the Our Father and their meaning for Christians.
- Imagine how Peter, James, or John felt at the Transfiguration and explain why this event is a mystery.
- Respond to artists' interpretations of the Transfiguration.
- Reflect on why Jesus invites us to call God 'Father'.
- Reflect on the meaning of what they have learned about Jesus' commandment for their own lives.
- Reflect on how the communities they are part of could be transformed if everyone chose to love their neighbour as themselves.



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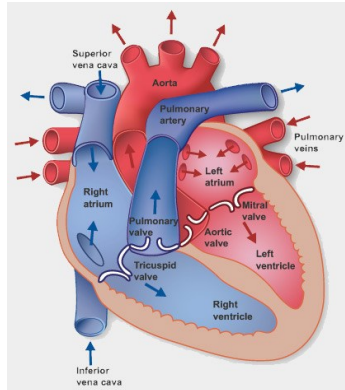
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Science

Animals Including

Humans

The Circulatory System



Can I identify and name the main parts of the human circulatory system, and describe the function of the heart, blood vessels and blood?

Can I describe the ways in which nutrients and water are transported within animals, including humans?

Can I describe the important jobs of the blood vessels and blood?

Can I describe the importance of exercise and how it affects the heart?

Can I understand that regular exercise is important for a healthy body?

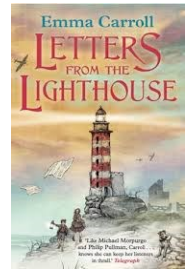
Can I explain how diet and exercise affect the body?

Can I recognise the impact of drugs and alcohol on the way bodies function.?



Guided Reading

In our Guided Reading sessions we will be carrying on reading Letters from the Lighthouse, following on from our WW2 topic.



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



We will also be looking at a range of non-fiction texts to support our Science topic, the Circulatory System.

How can you help?

This half term, the children in Ladybower will have **OTIS** on a **Monday** and **Forest School** on a **Thursday**.

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.