



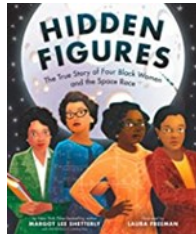
Saint Mary's Catholic Voluntary Academy

Derwent Pentecost 2 Newsletter

Welcome back, I hope you had a lovely half term break! Here's an overview of what we will be learning about in Derwent this half term.

English

Dorothy Vaughan, Mary Jackson, Katherine Johnson, and Christine Darden were good at math...really good.



They participated in some of NASA's greatest successes, like providing the calculations for America's first journeys into space. And they used their genius minds to change the world.

We will be using the book 'Hidden figures' to learn about some inspirational women in space before writing biographies about their lives.

We will be exploring some descriptions within space themed narratives before writing our own, including some descriptions of aliens!

We will read some poetry related to space, exploring their features and language choices. We will then experiment with these features to create our own anthology.



RE

Freedom and responsibility

We will be exploring the meaning of the Ten Commandments and how they relate to our daily lives. We will also be researching a significant figure and how they have lived out the commandments. We will be discussing how we use the freedom God gives us to make responsible choices. We will be reading about the Beatitudes as well as reflecting on reconciliation and forgiveness.

Stewardship

We will be considering the wonders of God's creation before discussing how to care for God's creation. We will be thinking of ways to be stewards of God's creation as well as reflecting on our own call to stewardship. We will also be thinking about caring for God's people and how to be good stewards of all the resources entrusted to us.

Maths

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

Year Four

Decimals

- Divide a 1 or 2 digit number by 10 and 100
- Hundredths as fractions and decimals
- Hundredths on a place value chart
- Make a whole with tenths and hundredths
- Partition decimals
- Compare and order decimals
- Round to the nearest whole number
- Halves and quarters as decimals

Money

- Write money using decimals
- Convert between pounds and pence
- Compare amounts of money
- Estimate and calculate with money
- Solve problems with money

Time

- Years, months, weeks and days, hours, minutes and seconds
- Convert between analogue and digital times
- Convert to and from the 24 hour clock

Position and direction

- Describe position and plot using coordinates
- Draw 2D shapes on a grid
- Translate and describe translation on a grid

Year Five

Decimals

- Use known facts to add and subtract decimals within 1
- Complements to 1
- Add and subtract decimals across 1
- Add and subtract decimals with the same number of dp
- Add and subtract decimals with different number of dp
- Efficient strategies for adding and subtracting decimals
- Decimal sequences
- Multiply and divide by 10, 100 and 1000
- Multiply and divide decimals— missing values

Negative numbers

- Understand negative numbers
- Count through zero in ones and in multiples
- Compare and order negative numbers
- Find the difference

Converting units

- Kilograms and kilometres, millimetres and millilitres
- Convert units of length and time- metric and imperial units
- Calculate with timetables

Volume

- Cubic centimetres
- Compare and estimate volume and capacity



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Science

Year Four - Living things and their habitats

During this topic, the children will:

- Recognise that living things can be grouped in a variety of ways by sorting living things into a range of groups.
- Generate questions to use in a classification key.
- Identify vertebrates by observing their similarities and differences.
- Use a key to identify invertebrates.
- Use evidence to identify an invertebrate.
- Show the characteristics of living things in a table and a key.
- Recognise positive and negative changes to the local environment.
- Describe environmental dangers to endangered species.

Year 5- Earth and space

During this topic, the children will

- Explain why we know the Sun, Earth and Moon are spherical.
- Identify scientific evidence which does or does not provide evidence for an idea or argument.
- Name and describe features of the planets in our solar system.
- Order the planets in our solar system.
- Explain how planets move in our solar system
- Explain day and night and the apparent movement of the sun across the sky.
- Investigate night and day in different parts of the Earth.
- Explain the movement of the Moon.

How can you help?

This half term, the children in Derwent will have P.E. on **Monday**. Year 4 children continue to have swimming lessons on **Fridays**.

Homework is set on a **Monday** and is due the following **Monday**. Please ensure work is completed in pencil.

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.