



Year Five: Discover

Project Question:

Does History remember everyone fairly?

Project Values:

Respect	Showing appreciation and admiration for someone or something.
Power	Having the ability to control or influence others
Fairness	When everyone has the same.
Justice	Making sure what happens is fair and right
Influence	Being able to affect the opinions, choices or behaviour of others

School Vision Statement:

Our school is committed to bringing out the best in each other so that every member of the school community can know 'life in all its fullness' (John 10:10). Through learning of the teachings of Jesus, we believe that our children can explore and develop their understanding of Core Christian values as markers and guides for their own lives. We aim for the school's Core Christian values to inform and influence our pupils' moral compass and allow them to enjoy 'life in all its fullness'. These values are known as the 'Sunshine 6'. They are: Forgiveness, Perseverance, Honesty, Compassion, Courage and Respect.

We also uphold Article 29 from the UN Convention of Rights of the Child 'Education must develop every child's personality, talents and abilities to the full. It must encourage the child's respect for human rights, as well as respect for their parents, their own and other cultures and the environment.'





Year Five: Maths

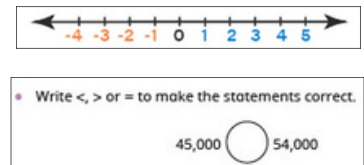
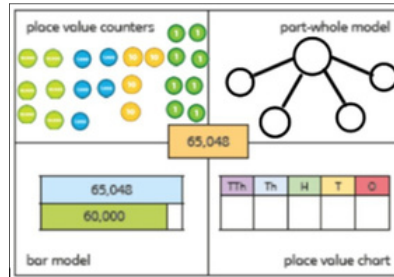


At St Mary's, mathematics is taught daily in a progressive and systematic way, beginning in Reception, all the way through to Year 6. The school uses White Rose Maths as a basis for this planning and sequencing of progression.

The length of each block of learning is given as a guide: we will adapt how long we spend on new objective in response to what the children need. There is time built into each term for practice and consolidation of previous learning.

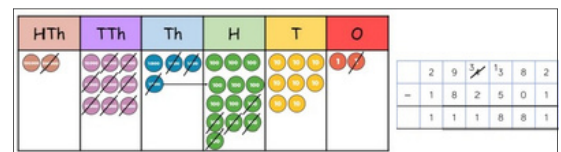
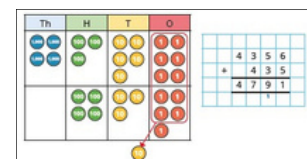
Place Value (3 weeks)

- Round numbers to 10, 100, 1000
- Know place value to 1 million
- Compare and order number to 1 million
- Negative numbers
- Roman numerals to 1000



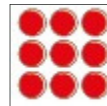
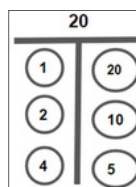
Addition and Subtraction (2 weeks)

- Add and subtract two 4-digit numbers (with exchange)
- Add and subtract numbers with more than 4-digits using column method
- Round to estimate and approximate answers
- Use inverse operations to check answers
- Solve multi-step problems involving addition and subtraction



Multiplication and Division (3 weeks)

- Multiples
- Factors and Common Factors
- Prime numbers
- Square and Cube numbers
- Multiply and Divide by 10, 100, 1000
- Multiples of 10, 100, 1000

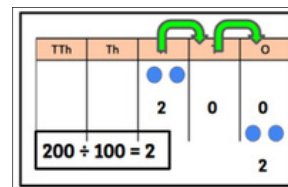
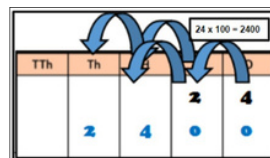


$$3 \times 3 = 9$$



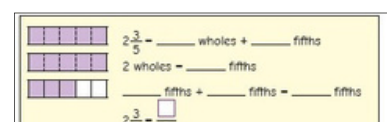
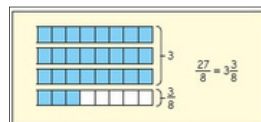
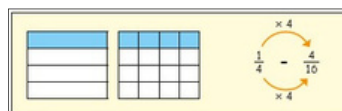
$$2 \times 2 \times 2 = 8$$

$$2^3 = 8$$



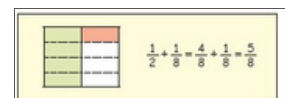
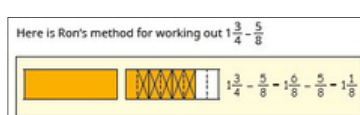
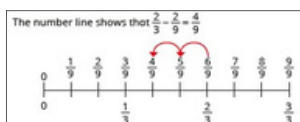
Fractions (4 weeks)

- Find equivalent fractions (unit and non unit)
- Recognise equivalent fractions
- Convert improper fractions to mixed numbers
- Convert mixed numbers to improper fractions
- Compare and order fractions (less than/ greater than 1)
- Add fractions (same denominator/ mixed numbers)
- Subtract fractions (breaking the whole / mixed numbers)



Use the bar model to complete the calculation.

$$\frac{1}{5} + \frac{2}{5} = \frac{\quad}{5}$$





Year Five : English

At St Mary's, we strive to help our children develop into articulate and imaginative communicators, who are well-equipped with the basic skills they need to become life-long learners. We believe that English learning is key to this. We aim to ensure that all of our children develop a genuine love of language and the written word, through a text-based, values rich approach.

We want our children to feel that their writing has a real purpose in the context of our values based learning projects and to use their written work as an expression of their responses to challenging questions.

Writing to Express:

Describing Egypt

Grammar Focus: Prepositional Phrases

Writing to Inform

What do religions teach about equality?

Grammar Focus: Using a range of conjunctions

Writing to Entertain and Express:

Narrative: Tad Jones

Grammar Focus: Expanded Noun Phrases

Writing to Inform:

Ancient Egyptian society

Grammar Focus: Conjunctions to explain

Writing to Entertain and Express:

Narrative: Discovering the Rosetta Stone

Grammar Focus: Relative clauses



Our Class Novel this term is:

A Kind of Spark by Ellie McNicoll





Year Five: Discover



These are some of the important words we will be learning about during this project.

RE	History
Mosque Qur'an Islam Muslim Good Samaritan Fairtrade Equality Cooperative Profit	Describe interpret analyse evaluate primary source secondary source artefact written visual bias reliability accuracy objective subjective Ancient Pharaoh tomb pyramid Priest Priestess Vizier Scribes Craftsmen Soldier Merchant Farmer translation Invade colonise colony empire



Year Five: Discover Science



Earth and Space 	Properties and Changes of materials
In this unit, we learn about the movement of the Earth and other planets relative to the sun. We find out about the orbit and phases of the moon and how this is observed from Earth. We use what we know about the Earth's rotation to describe how day and night are created.	In this unit, we find out why some materials 'disappear' when mixed into liquid. We learn how to separate materials in a mixture and how to do this when something has dissolved. We find out about different properties of materials including thermal and electrical conductivity. 
Important Vocabulary: gravity, star, planet, hemisphere, moon, orbit, rotation, axis, solar system, season, sphere, eclipse	Important Vocabulary: dissolve, solution, soluble, mixture, filter, separate, conduct, thermal, magnetic

PSHE and Relationships Education

At St Mary's, our PSHE and Relationships Education Curriculum across the school seeks to prepare children for the rich, diverse and sometimes difficult experiences they will face both in school and in the wider world. During each term, children learn about the following aspects of PSHE:

Friendships and Respectful Relationships		
Choosing positive friends and healthy relationships Share how I connect with my friends Recognise when a friendship may be unhealthy Describe what to do when mutual friends have fallen out. Describe how to uphold my own boundaries Understand what is meant by equality and how we can promote equality at our school Describe the harmful impact stereotyping can have Understand and practice empathy		
Being Safe and Developing Bodies	Prevention and Protection	Online Safety 
 NSPCC PANTS Know which body parts are private. Know who to talk to if I have a worry.	Know some ways to look after myself when I am feeling poorly	iCommunicate: Understand the risks and benefits of different modes of communication iPersonal: Understand the concept of personal and private information iStay Safe: Learn the SMART rules for being safe online

No Outsiders	The No Outsiders programme teaches children about the 2010 Equality Act through carefully selected stories. There are 5 stories used during each school year. This term, the No Outsiders text is:	Where the Poppies Now Grow by Hilary Robinson Say how my friends help me feel safe and secure
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If you have concerns about bullying in our school, please inform any school based adult and we will follow our KIVA procedures to: investigate, understand, set targets, communicate clearly and review.

Help us to prevent bullying in our school—Thank you.



Year Five: Discover

Here are some ideas for activities you can try at home to help you learn more about this term's project.

Read it...

Read some non-fiction books or search on the internet for any information about the Ancient Egyptians. Record any amazing facts that you manage to find out.

Write it...

Choose an ancient Egyptian God or Goddess and create a fact file, book or poster all about them.



Draw it... Find an image of Tutankhamun's death mask and have a go at drawing it or painting it.



Make it...

The Ancient Egyptians used the burial method of mummification. Find some information about mummification. Have a go at making a sarcophagus.



Visit it...

There is a really good Egyptians section at the Birmingham Museum and Art Gallery in central Birmingham. It's in town and its free to visit!

Memorise it...

Memorise the names of as many Egyptian gods and goddesses as you can and what they were the god/goddess of.