



Sacred Heart RC Primary School

WESTHOUGHTON

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Executive Headteacher: Mr M Johnson | Deputy Headteacher: Miss S Middleton

13th September 2021

Dear Parents and carers of year 6 pupils,

WELCOME: We would like to take this opportunity to welcome you into the Year 6 team at Sacred Heart, and to clarify any details of school practise in what is always a very busy and exciting year!

Firstly, children should bring in a single-strap book bag into school rather than backpacks. We permit children to bring a mobile phone in to school which is then switched off and kept locked in the teacher's cupboard until home time.

On **Monday and Wednesday afternoons**, the year group works in what we call 'afternoon classes'. The two afternoon classes are taught P.E, Computing and Foreign Languages on these days. Homework and spellings go home **on Thursdays to be completed and submitted by the following Thursday**. All the log in details can be found inside your child's reading record.

Here is what your child will be learning in the Autumn term:

Maths

Number and Place Value: The children will read, write, order and compare numbers to 10,000,000 and determine the value of each digit, determine the value of digits to tens of millions, round numbers to the nearest ten, hundred, thousand etc. They will use negative numbers in context and calculate intervals across zero.

Addition, subtraction, multiplication and division: The children will solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why. They will multiply multi-digit number up to 4 digits by a 2 digit number using the formal written method of long multiplication, divide numbers up to 4 digits by a 2 digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions or by rounding as appropriate for the context. The children will identify common factors, common multiples and prime numbers and perform mental calculations, including with mixed operations and large numbers. This learning will continue throughout both half terms.

Fractions: For the majority of the second half term, the focus in maths will be fractions. This will include learning how to: compare and order fractions, including fractions greater than 1, add and subtract fractions with different denominations and mixed numbers, multiply pairs of proper fractions, dividing proper fractions by whole numbers and recall and use equivalences between simple fractions, decimals and percentages.

It is crucial that your child knows their times and division tables and can recall them quickly. Please use TT Rockstars to support this learning.

English

During the term the children will be covering units of work based around different genres of writing which will include:

Balanced Arguments

Diaries

Recounts

Narratives

Letters

Short Stories

Explanation Texts

Play Scripts

Persuasive and Newspaper Reports.

LOVE ONE ANOTHER



They will be exploring different books and authors and discovering the different features of writing associated with these texts. It would be helpful during this term to encourage your child to read as regularly as possible to enhance their learning.

RE

Domestic Church: Loving

Does love have limits or does it last forever?

Through this unit the children will learn about pupils will know and understand 'the love and care of people'. They will know and understand God's love is unconditional and never ending. The children will develop their understanding that we are all loved and that we can grow in love. An understanding that forgiveness is a crucial part of unconditional love will be developed.

World Faith Unit 1

Children will learn about the faith of Judaism including the festival of Rosh Hashanah and Yom Kippur.

Baptism/Confirmation: Belonging, vocation and commitment

What does it mean to be committed?

Through the unit of belonging, the children will learn why some people are so dedicated to the service of others. They will learn about this through exploring the vocation of priesthood and religious life. They will also develop a further understanding of what it means to be committed.

World Faith Unit 2

The children will learn about the faith of Islam focussing on the five pillars of Islam.

Advent/Christmas – Loving expectations

What is the role of patience in expectations?

In the unit of Advent, the children will begin by looking at the meaning of expectation. The topic will then continue around of central theme of 'a journey to find themselves' by looking at powerful women in the Bible who could inspire us today. It will explore how women give life and act as a role model for us today. The children will also explore why people need power and great faith at Advent and Christmas time.

Science

Animals including humans

Can we affect the way our bodies function?

This topic will take place over the whole Autumn term. In this module the children will build on their learning about the human body from Key Stage 1, when they learned that humans and other animals need water, food and air in order to survive, and also during lower Key Stage 2, when they investigated the muscular, skeletal and digestive systems. Children will learn about the human circulatory system and how it enables their bodies to function. They will find out about the main parts of the circulatory system: the heart, blood vessels (arteries, veins and capillaries) and blood, and how these work together to deliver oxygen and nutrients to every part of the body. They will find out how the heart works, the main components of blood and the function of the different types of blood vessels. They will also learn about how water is transported through the body and develop their understanding of the importance of water to human health.

When working scientifically during this module, children will use secondary sources of information with increasing independence in order to find answers to questions about the functions of different parts of the circulatory system that they cannot investigate first hand.

History

Local history – The Pretoria Pit Disaster.



Does safety and happiness come before profit?

In their local history topic, the year 6 children will be learning about the events in 1910 when an underground explosion took the lives of 344 men and boys in Westhoughton. The children will begin by examining the historical context of life in Westhoughton in 1910 and how this event could have happened. They will examine sources from the time to understand the aftermath of the event. A Local History Group will visit school to help support the children with their learning.

Geography

Climate zones

Why does a place's location in the world affect its climate?

In the Remembrance half term, the children will study climate zones in Geography. Using maps, atlases and globes to locate countries around the world, the children will describe and understand key aspects of climate zones, biomes and vegetation belts. Using their position as advocates for change, the children will research global environmental problems and suggest potential solutions, campaigning for a more sustainable future.

Art

20th Century Pottery

Researching the life and work of Clarice Cliff, the children will be learning about pottery from the 20th Century, studying and analysing these pieces using Content, Form, Process and Mood:

Content – What's going on in the work?

Form – What way is it presented?

Mood – How does it make you feel?

Process – How was it made? What was it made from?

After they complete some observational drawings, the children are tasked with creating and paint their own pot in the style of Clarice Cliff.

Design & Technology

In DT, the children will build on their Key Stage 2 learning of electric circuits, pulleys, wheels and axles to design, make and evaluate their own motorised vehicles. They will begin by researching existing products before designing a prototype and using this to influence their final design.

PSHCE and RSE

In PSHCE and RSE, the children will continue to use the Life to the Full scheme. They will begin with a unit on Religious Understanding before learning about their bodies and how they develop in the 'Me, My Body, My Health' topic. In the Remembrance half term, the children will learn about homophobic bullying to coincide with Anti-Bullying Week, before looking at 'Movements for Change' as part of their Speak Truth to Power unit.

Music

World Music study

Is 'western' music killing off other traditions?

In music, the year 6 children will be listening to traditional music from different cultures and suggesting which elements are common to other cultures. They will research and present information about music from around the world before creating their own piece, working collaboratively with their classmates.

Computing

Online Safety

Year 6 will be identifying benefits and risks of being online. They will be identify secure sites and the risks of giving personal information away online. They will review the meaning of a digital footprint and have a clear idea of appropriate online behaviour. Lastly in this topic, pupils will look at the importance of balancing screen time with other parts of their lives and identify positive and negative influences of technology.



Text Adventures

Pupils will plan out and design an interactive story based text adventure, incorporating text, animation and sound effects to bring their story to life.

Scratch Coding

Pupils will use the Scratch coding platform to create a 'Flappy parrot' game for others to play. They will learn how to add backdrops and how to create and code sprites to interact with each other within the game. They will be introduced to forever loop and repeat functions with the block based coding language in Scratch as well as Variables to create a score for the game

Inspirational Person – Ada Lovelace

Pupils will learn all about Ada Lovelace and understand how important she was to the creation of computing programming. They will then using Scratch sequence instructions, create variables, use lists and repetition to create a Ada Lovelace themed coding project.

Computing 'Big Question' – Could a Robot ever make a conscious and moral decision like a human?

The children will investigate this question through research and class discussion.

PE

PE lessons take place on Monday and Wednesday afternoons. This half term, the children will be taught how to Attack and Defend in their coach-led sessions with Key PE Sports and ABC (Agility, Balance and Coordination). Next half term, Key PE Sports will teach Gymnastics and the children will learn about Tactics and Strategies in their Outdoor Games sessions. Please could you ensure that children bring in their PE kits on Mondays and Wednesdays.

French

In French lessons, the children will practise their reading, writing, listening and speaking skills on a range of topics, such as: weather, clothing and dates. They will also revise numbers up to 40.

Further information about subjects can be found on the school website. Please check the school Facebook page to see updates from your child's class. If you wish to speak to your child's teacher about their learning or anything else, you can find them at the end of the day or you can telephone the school office to arrange a meeting.

IMPORTANT DATES FOR YOUR DIARY:

- 20th September – Y5 and Y6 Mass (Virtual – via Church Services TV <https://www.churchservices.tv/westhoughton>)
- 24th September – 6TM assembly to be broadcast
- 1st October – 6^B assembly to be broadcast
- 8th October – 6^E assembly to be broadcast
- 10th November Parent's Evening
- 25th-29th October Half term
- 15th December (2pm and 6pm) UKS2 Nativity
- 22nd December – Term ends at 2.20pm

Thank you for your ongoing support ahead of a crucial year.

Yours sincerely,

Miss Middleton, Mr Tipton, Mr Edwards & Mrs Brannan.

