

Holy Family Catholic School



Year 5

Advent Term 2024

<p>Reading</p> <ul style="list-style-type: none"> Apply knowledge of morphology & etymology when reading new words Reading & discuss a broad range of genres & texts Identifying & discussing themes Make recommendations to others Learn poetry by heart Draw inference & make predictions Discuss authors' use of language Retrieve & present information from non-fiction texts Formal presentations & debates 	<p>Writing</p> <ul style="list-style-type: none"> Secure spelling, inc. homophones, prefixes, silent letters, etc. Use a thesaurus Legible, fluent handwriting Plan writing to suit audience & purpose Develop character, setting and atmosphere in narrative Use organisational & presentational features Use consistent appropriate tense Proof-reading Perform own compositions 	<p>Grammar</p> <ul style="list-style-type: none"> Use expanded noun phrases Use modal & passive verbs Use Use Use & cc Speak Give 	<ul style="list-style-type: none"> Use sketchbooks to collect, record, review, revisit & evaluate ideas 	<p>techniques such as drawing, with varied materials</p> <p>ists, architects & designers</p>	<ul style="list-style-type: none"> Design & write programs to solve problems Use sequences, repetition, inputs, variables and outputs in programs Detect & correct errors in programs Understand uses of networks for collaboration & communication Be discerning in evaluating digital content
<p>Number/Calculation</p> <ul style="list-style-type: none"> Secure place value to 1,000,000 Use negative whole numbers in context Use Roman numerals to 1000 (M) Use standard written methods for all four operations Confidently add & subtract mentally Use vocabulary of prime, factor & multiple Multiply & divide by powers of ten Use square and cube numbers 	<p>Geometry & Measures</p> <ul style="list-style-type: none"> Convert between different units Calculate perimeter of composite shapes & area of rectangles Estimate volume & capacity Identify 3-d shapes Measure & identify angles Understand regular polygons Reflect & translate shapes Data Interpret tables & line graphs Solve questions about line graphs 	<p>Fractions</p> <ul style="list-style-type: none"> Compare & order fractions Add & subtract fractions with common denominators, with mixed numbers & factors, with mixed numbers Multiply fractions by Write decimals as fractions Order & round decimals Link percentages to fractions & decimals 	<p>Technology (UKS2)</p> <ul style="list-style-type: none"> Develop products which are aimed at specific groups Use cross section Use guided design Analyse & evaluate existing products and improve own work Use mechanical & electrical systems in products, including programming Use sketches for a healthy & varied diet 	<p>Modern Languages (UKS2)</p> <ul style="list-style-type: none"> Listen & engage Engage in conversations, expressing opinions Speak in simple language & be understood Develop appropriate pronunciation Present ideas & information orally Show understanding in simple reading Adapt known language to create new ideas Describe people, places & things Understand basic grammar, e.g. gender 	<p>Geography (UKS2)</p> <ul style="list-style-type: none"> Name & locate counties, cities, regions & features of UK Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones Study a region of Europe, and of the Americas Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc. Use 4- and 6-figure grid references on OS maps Use fieldwork to record & explain areas
<p>Science</p> <p>Biology</p> <ul style="list-style-type: none"> Life cycles of plants & animals (inc. mammal, insect, bird, amphibian) Describe changes as humans develop & mature <p>Chemistry</p> <ul style="list-style-type: none"> Classify materials according to a variety of properties Understand mixtures & solutions Know about reversible changes; identify irreversible <p>Physics</p> <ul style="list-style-type: none"> Understand location and interaction of Sun, Earth & 	<p>History</p> <p>British History (taught chronologically)</p> <ul style="list-style-type: none"> Anglo-Saxons & Vikings, including: <ul style="list-style-type: none"> Roman withdrawal from Britain; Scots invasion Invasions, settlements & kingdoms Viking invasions; Danegald Edward the Confessor <p>Broader History Study</p> <ul style="list-style-type: none"> Ancient Greece, i.e. <ul style="list-style-type: none"> A study of Greek life and achievements and their influence on the western world 	<p>Physical Education (UKS2)</p> <ul style="list-style-type: none"> Use running, jumping, catching and throwing in isolation and in combination Play competitive games, applying basic principles Develop flexibility & control in gym, dance & athletics Take part in Outdoor & Adventurous activities Compare performances to achieve personal 	<p>Religious Education</p> <p>Continue to follow locally-agreed syllabus for RE</p>	<p>Music (UKS2)</p> <ul style="list-style-type: none"> Perform with control & expression solo & in ensembles Improvise & compose using dimensions of music Listen to detail and recall aurally Use & understand basics of staff notation Develop an understanding of the history of music, including great musicians & composers 	<p>Religious Education</p> <p>Continue to follow locally-agreed syllabus for RE</p>

RE

Topic 3 – Judaism

We read how Moses and the Jews were slaves in Egypt and how they were freed from bondage. We will learn about the significance of the feast Passover to the Jews. We will also relate this story to how Christians are saved by Jesus as the sacrificial lamb.

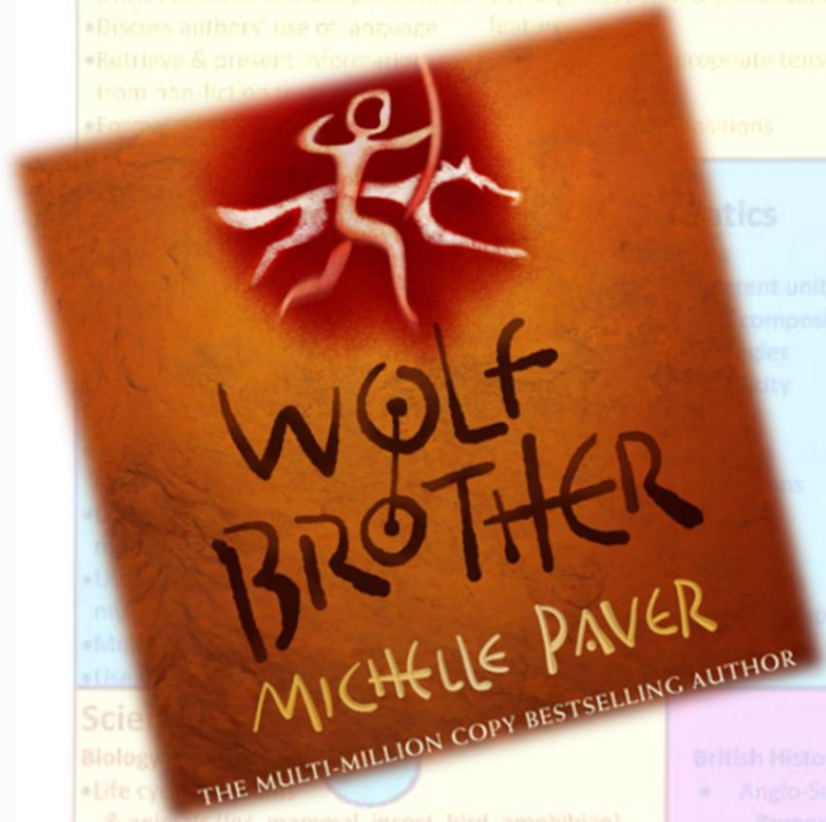


Topic 4 – Advent

Advent is a time of waiting in joyful hope for the coming of Jesus at Christmas. We will relate waiting in joyful hope to how the Jews waited for a Messiah, as foretold by the prophets, and also how Christians wait in joyful hope for Jesus to come again.



English



Wolf Brother is an exciting adventure set 6,000 years ago during the time of the hunter gatherers. Torak, of wolf clan is the main character, and this story is told from both human and animal perspectives. There are strong themes in this story, including bravery, loyalty and a deep respect for the forest and its inhabitants.

This term, we will be writing in role and compiling a script. We will make notes to develop our initial ideas, drawing on our reading of this text. We will draft and write by selecting appropriate grammar and vocabulary for narrative pieces. We will describe settings, characters and atmosphere, using dialogue to convey character and advance action.

This text will support our learning in History as our topic this term is Stone Age to Iron Age.

For interactive grammar activities, click on this link: <http://www.topmarks.co.uk/Interactive.aspx?cat=47>

Mathematics

We will begin our learning in Maths by exploring Roman numerals to 1,000, and the symbols D (500) and M (1,000).

We will build on Year 4 learning, and explore numbers up to 100,000. Children will be introduced to the ten-thousands column in a place value chart and begin to understand the multiples of 10,000, working to be secure with the place value of numbers to 1,000,000.

Children will recap and build on their learning from previous years to mentally calculate sums and differences by partitioning. Children will also count forwards and backwards in multiples of powers of 10 to answer questions such as $1,050 - 100$ without the need for a formal written method.

Children should already be familiar with the idea of multiples from previous learning. They should understand that a multiple of a number is any number that is in its times-table. Building on this knowledge, children will find sets of multiples of given numbers and make generalisations about them. This will enable children to understand and use rules of divisibility.

Children will be revise equivalent fractions from previous learning. We will learn how unit fractions can be expressed in other forms., moving on to find fractions equivalent to non-unit fractions.

TTh	Th	H	T	O
● ● ●	● ● ● ● ● ●	● ● ● ● ● ●	● ● ● ● ●	

Find the sum of the digits of all the numbers in the 9 times-table up to 10×9

What do you notice?

Find the digit sums of these multiples of 9

●		

●		
●		
●		

●		

●	●	●

History

Stone Age to Iron Age

Stone Age to Iron Age covers around 10,000 years, between the last Ice Age and the coming of the Romans. Such a long period is difficult for children to imagine, but enabling the children to create a visual time-line should help!

We will investigate how the new stone age was different from the old stone age and what new technologies evolved during this time. We will consider the relevance of Skara Brae when studying this era and how reliable it is as a historical source. We will consider why were clay pots so important to early people and how new discoveries and inventions improved the lives of early man. Moving on to the Bronze Age, we will learn about religion and how transportation impacted life for humans. We will then learn how life in Britain was shaped by tribal kingdoms during the Iron Age.

We will consider how historians know what they know about this era, and our learning will enable us to answer the following question:

Some believe that this era was one of the most innovative periods in history – do you agree?



Science

Properties and changes of materials

We will compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity and response to magnets. We will discover that some materials will dissolve in liquid to form a solution, and then investigate how to recover a substance from a solution. We will use our knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

Forces

We will identify forces such as push and pull, to help us explain gravity as a force that pulls objects down – using Isaac Newton's discoveries in our explanations. We will also investigate the effects of friction, air and water resistance on moving objects and investigate different mechanisms.



For interactive science activities, click on the link below <https://www.bbc.co.uk/bitesize/topics/z6bqkmn>

Computing

E-safety

Children will discuss the positive and negative impact of technology on their own life in and out of school. They will learn about making safe choices when using technology, learning how to use it in ways which minimises risk, for example: responsible use of online discussions, keeping password safe and controlling the information they share.

Microsoft Excel

Children are given an understanding of spreadsheets and how they can be used. In the first five lessons, a different spreadsheet template is provided in which children learn skills in formatting and entering specific formulas. Lessons 4 and 5 include investigative skills in using the spreadsheet to solve specific problems. Examples include number calculations, sports league tables, test scores, and budget planning. The final lesson allows an open-ended task for pupils to design their own spreadsheet, with ideas and direction provided for particular purposes. This final lesson can also be used for some pupils to return to or complete any previous spreadsheet tasks which may not have been finished.

PE

The children will be developing their football skills, focusing on ball familiarisation, tackling, creating options when passing and playing in small sided games.

They will also work on their netball skills working on their ability to dodge and fake in order to create space, showing greater awareness of marking when playing in the game.

In gymnastics they children will develop their basic skills as outline by Key Steps Three Gymnastics and work on flight, and then create a group sequence.

Mrs Fox's class will have PE on

Mrs O'Reilly's will have class PE on Wednesday and Thursday

Music

In music, we will be using our knowledge of dynamics and tempo to add musical expression when using instruments and voices. We will recognise the changes in dynamics and tempo when listening to music and explain the effect they have. We will be singing songs and creating group compositions that have contrasting sections, based on the world around us.

Additional Information

Homework

Handwriting, My Maths, Read Theory and Reading Eggs homework will be assigned on Fridays and will be monitored the following Wednesday. Spelling lists will be given out on Friday.

In addition to the above, we would expect children to complete at least 5 reading entries every week and ask adults to record their acknowledgement of this by signing reading diaries at the end of each week.

Dates to Remember

Meet the Teacher: Thursday 16th September 14.50-15.10

INSET: Friday 25th October

Half term: Monday 28th October – Friday 1st November

INSET: Monday 11th November

Parents' Evening: Tuesday 19th and Thursday 21st November

End of term: Friday 20th December

Swimming: Wednesdays during Advent Term

