Our Lady's Catholic Primary School
Termly Curriculum Information for Parents - Year 5
What your child will be learning about this autumn term and how you can help at home

English

Writing:
This term, Year 5 will be studying a range of high quality texts and genres, including the exciting fiction writing of Sarah Pennypacker, Charles Causley and Louis Sachar. The children will be reading the following texts: *I had a Little Cat* by Charles Causley; and *There's a Boy in the Girl's Bathroom* by Louis Sachar. These high quality texts will be used to model writing, inspire the children's own writing and extend skills in vocabulary, grammar, punctuation (including brackets, dashes and commas for parenthesis) and spelling. We will be continuing to encourage the children to write for a purpose, e.g. newspaper reports, diary entries, poetry and informal letters.

Grammar:
The children will be learning to use **modal verbs** and **relative clauses** beginning with *who*, *which*, *where*, *when*, *whose*, *that*. They will also be learning to link ideas across paragraphs using **adverbials** of time [e.g. *later*], place [e.g. *nearby*] and number [e.g. *secondly*] or tense choices [e.g. he *had* seen her before]. Year 5 will be learning to use brackets, dashes or commas to indicate parenthesis.

Reading:
In daily Reading Practise lessons, the children will be developing their reading fluency, comprehension skills and ability to read with expression.

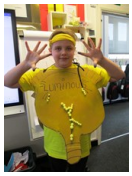
How you can help:
Encourage your child to read a range of texts, including a variety of newspapers and magazines, fiction and non-fiction books written by different authors. Help your child to learn their spellings each week. Listen to your child read on a regular basis, asking them questions to make sure they have understood what they have been reading.

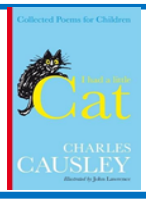
Please sign your initials in your child's Reading Record each week to show they are reading at home.

Visit the **BBC Bitesize** website - at the following web address - and work through the activities with your child:
https://www.bbc.co.uk/bitesize/collections/year-5-and-p6-english-lessons/1










Maths:

This term, Year 5 will be learning the following:
Number: Place value
To read, write, order and compare numbers to at least 1 000 000; to count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000; to interpret negative numbers in context, and count forwards and backwards with positive and negative whole numbers, including through zero; to round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000; to solve number problems and practical problems that involve all of the above; and to read Roman numerals to 1000.

Number: Addition and Subtraction
To add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction); to add and subtract numbers mentally with increasingly large numbers; to use rounding to check answers to calculations; and to solve addition and subtraction multi-step problems in contexts.

Statistics
To solve problems using information presented in a line graph; and to complete, read and interpret information in tables, including timetables.

Number: Multiplication and Division
Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers; know and use the vocabulary of prime numbers, prime factors and composite numbers; establish whether a number up to 100 is prime and recall prime numbers up to 19; multiply and divide whole numbers and those involving decimals by 10, 100 and 1000; and recognise and use square numbers and cube numbers, and the notation for squared and cubed.

How you can help: Weekly homework will link to our maths topics. Please make sure your child is explaining the methods they have learnt to help them consolidate this.

Encourage your child to visit this website **https://nrich.maths.org/14580** for a range of problem solving activities and games.

Science

Properties and changes of materials

This term, Year 5 will be learning to group materials according to their properties, including the properties of different metals. The children will be learning to investigate which materials are thermal insulators and which are thermal conductors. Working scientifically, the children will be learning to conduct a comparative test to find out which material will dissolve in a liquid to form a solution.

Year 5 will be learning to explain the processes of evaporation and condensation. The children will be learning to investigate variables that affect the rate at which sugar and salt dissolve and to investigate how to purify a mixture. Year 5 will be learning to recognise which changes in materials are reversible and non-reversible. The children will be learning to explore the changes involved in a candle burning and to investigate the conditions required for baking soda to create carbon dioxide.

Visit https://www.bbc.co.uk/bitesize/subjects/z2pfb9q for a selection of science videos.

Music

This term, Year 5 will be singing challenging songs, in harmony, with a focus on timbre, expression and dynamics. The children will be learning complex, challenging rhythms and will be introduced to the tom-tom drums and the crash cymbals. Year 5 will

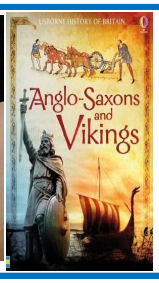
Computing

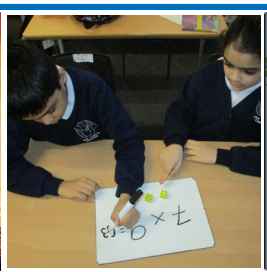
Creating Media - Vector drawing

This term, Year 5 will be learning to identify that drawing tools can be used to produce different outcomes and learning to create a vector drawing by combining shapes. The children will be learning to use tools to achieve a desired effect and to recognise that vector drawings consist of layers. Year 5 will be learning to group objects to make them easier to work with and to evaluate their vector drawing.

How you can help: Have a conversation with your child about being safe online. For some informative and age appropriate videos to start conversations, visit the following website: **https://www.thinkuknow.co.uk/8_10/**











History

The Viking and Anglo Saxon struggle for England

This term, Year 5 will be learning to know the time and place of the Viking invasion and settlement in Britain. The children will be learning to understand why the Vikings came to Britain and to analyse historical sources. Year 5 will be learning to explain why Alfred the Great was important for the Anglo-Saxon struggle for Britain and to explain how the Anglo-Saxons and Vikings struggled for Britain.

Geography

Seas and Oceans / Wearing away the land / Seasons and Climate

This term, Year 5 will be learning to understand the threats to the ocean environment. The children will be learning to understand how rivers shape the land and how rivers can be controlled. Year 5 will be learning to understand lines of latitude and longitude and how climate changes worldwide.

Religious Education

Religious Education: Creation and Covenant/Prophesy and Promise

In the Autumn Term the children will learn about the life of Moses, focusing on the two key events of the call and the covenant (the Burning Bush and the Ten Commandments). Children will make links between the Ten Commandments and Jesus' summary of the law in Matthew's Gospel. The children will discuss what loving our neighbour means for Christians today, for example, welcoming asylum seekers and refugees, and relating this belief to the Church's teaching on the common good and love of our neighbours. In the second half of the term the children will learn that psalms are an ancient and beautiful form of prayer. They will learn about scripture relating to the life and importance of King David (1 Samuel 17:1-11, 32-54: David and Goliath; 2 Samuel 5:1-5: David becomes king; 2 Samuel 7: 8-15 God's covenant with David). They will reflect that God chooses people in unexpected ways, sometimes those overlooked by others and what that means for themselves.

Things to do at home…

You could read: Exodus 3:1-15 Exodus 19:3-8, 20:1-17 Matthew 22:36-40. Write a song, rap or poem explaining how you can love your God and your neighbour. Illustrate a key moment from the life of King David or Moses from the Old Testament by drawing, digital art or painting.

Art and design

Drawing (Skills and Techniques)
This term, Year 5 will be learning to draw in 3D. The children will be learning to draw houses from the past and present. Year 5 will be learning to draw a countryside landscape and techniques for drawing trees. They will also be learning to draw portraits in different styles and how to compare them.

Painting (Flowers)
This term, Year 5 will be learning to explore the use of flowers in art and they will be learning petal painting techniques. The children will be learning to practice painting skills using a variety of tools and techniques, and to draw and paint from observation and using their imaginations. The children will be learning to reproduce a well-known painting.

Design Technology

Mechanical Systems (Moving Toys)
Year 5 will be designing, making and evaluating a toy with a moving cam mechanism in their unit of work about mechanical systems.

Food Technology
Scones
Year 5 will be learning about the basic principles of a healthy and varied diet. The children will also be preparing **Scones.**

PSHCE
This term, Year 5 will be looking at how common infections can be made better by our bodies without the use of medicine. Year 5 will also be looking at stereotypes and mental wellbeing including who they can speak to for advice. Year 5 will look at the idea of fairness and reasons why people might be excluded from things and will also discuss the concept of migration.

How you can help: Talk to your child about their feelings and who they can talk to at school if they have a worry.

Spanish
The children will be studying the following topics in this term's Spanish lessons, led by our specialist Spanish teacher: greetings; phonics; numbers 1-40; maths; colours Halloween; the calendar; birthdays; likes and dislikes; sports; hobbies and Christmas. The children will also be playing games and singing songs in Spanish.

PE

Each Tuesday Year 5 will need to come to school dressed in their PE kits, ready for their P.E. lesson.
Year 5 will be developing their ball skills, co-ordination and footwork by playing invasion games, such as football, hockey and tag rugby.

How can I help at home?

Make it clear that you value homework – set aside a specific time and area for your child to work on their homework. Your child will receive homework once a week. Help them to be organised with their time so that their homework is handed in on time.

Encourage your child to **read a variety of texts**, not just books from school.

Listen to your child read and ask them questions about the text to help increase their **understanding**. Discuss what happened in the story; would you make the same choices as the characters? Why? Why not? Encourage your child to support their opinion with evidence from the text.

Please sign your initials in your child's Reading Record each week.

Encourage them to do every **day mathematics,** such as telling the time, using bus / train timetables or working out the total / change in a shop.

Spend time reviewing their **times tables** with them each day.

Help your child to be organised:

- Have you got your **book bag**? Needs to be in school **every day**.
- Are **ALL** your reading books inside it?
- Have you completed your **homework**? Homework should be returned by **Wednesday.**