



St Patrick's Catholic Primary School

Termly Curriculum Information for Parents - Year 5

What your child will be learning about this summer 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. The children will be reading the following key text: *Street Child* by Berlie Doherty. This high quality text will be used to model writing, inspire the children's own writing and extend skills in vocabulary, grammar and spelling. We will be continuing to encourage the children to write for a purpose, e.g. letters, diary entries, newspaper reports and balanced arguments. Linked with the children's science work, Year 5 will also be writing non-fiction texts about Living Things and Their Habitats.

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 Destination Reader 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. Encourage your child to read books at home.

For a range of videos and activities, Google: 'BBC Bitesize Year 5 English'



Maths:

This term, Year 5 will be learning the following:

Number: Decimals

Reading and writing decimal numbers as fractions; recognising and using thousandths; rounding decimals with two decimal places to the nearest whole number and to one decimal place; reading, writing, ordering and comparing numbers with up to three decimal places; multiplying and dividing whole numbers and those involving decimals by 10, 100 and 1000; adding and subtracting decimals; and solving problems involving numbers up to three decimal places.

Measurement: Converting units

Converting between different units of metric measure (e.g. kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre); and solving problems involving converting between units of time.

Geometry: Properties of Shape

Knowing angles are measured in degrees: estimating and comparing acute, obtuse and reflex angles; drawing given angles, and measuring them in degrees. Identifying the following: angles at a point and one whole turn; and angles at a point on a straight line and $\frac{1}{2}$ a turn, etc. Using the properties of rectangles to deduce related facts and find missing lengths and angles.

Measurement: Volume

Estimating volume [e.g. using blocks to build cuboids (including cubes)] and capacity [e.g. using water].

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.

For a range of problem solving questions, Google: 'NRICH primary'

For Year 5 Maths consolidation, Google: 'National Academy Year 5 Maths'

Science

Living Things and their Habitats (Life Cycles)

This term, Year 5 will be learning to describe the process of reproduction in many flowering plants. The children will be learning to describe how plants can reproduce by creating new plants from parts of the parent plant, rather than by producing seeds. Year 5 will also be learning to explore the changes as humans develop to old age and to identify and describe the changes experienced at puberty.

Earth and Space

This term, Year 5 will be learning to describe the shapes, positions and movement of the planets in the solar system. The children will be learning to use a model to describe and compare the movements of different planets in space and to explain the effect of the Earth's rotation in space. Year 5 will also be learning to explain why sunrise and sunset occur at different moments in time in different parts of the world, and to explain how the Earth's tilt leads to seasonal changes. The children will also be learning to identify the phases of the Moon, explaining why these occur.

For a range of videos and activities, Google: 'BBC Bitesize Year 5 Science'

Music

This term, Year 5 will continue to have the opportunity to learn a musical instrument, receiving lessons on the guitar. Their instrument sessions will include warm-ups, rhythm and instrumental exercises and the children will continue to develop techniques of ensemble playing and will learn more difficult pieces. The children will demonstrate their musical understanding and learning through performance.

Guitars should be brought to school on Wednesdays.

Computing

This term, Year 5 will be learning about **programming**: they will be learning how selection is used in computer quizzes.

The children will learn to explain how a conditional statement connects a condition to an outcome, and how a selection directs the flow of a program. The children will then create and evaluate their own program, which uses selection (a quiz).

History

The Mayan Civilisation

This term, Year 5 will be learning to know the time and place of the Mayan civilisation. The children will be learning to describe the traditional Mayan way of life, including Mayan religious beliefs. They will be learning to explain what Mayan discoveries tell us about Mayan civilisation and to explain whether, or not, the Mayans were an advanced civilisation. Year 5 will also learn about the collapse of the Maya.

Geography

Africa - Kenya

This term, Year 5 will be learning to describe different landscapes in Africa. They will be learning about the landscape of Kenya and about how Kenya is changing.

Religious Education

Pentecost - Transformation:

This term, Year 5 will be learning about the celebration of Pentecost and the Holy Spirit's transforming power.

Reconciliation – Freedom and Responsibility:

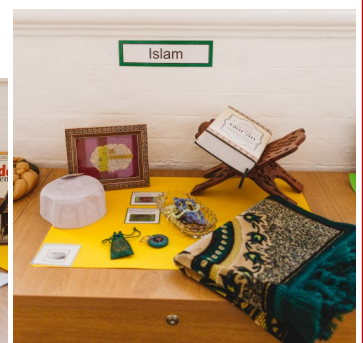
Year 5 will be learning about how the Commandments are God's rules that allow Christians to live a free and responsible life.

Universal Church - Stewardship:

Year 5 will be learning about scripture, beliefs, ideas, feelings and experiences of caring for God's creation - the Earth. The children will be learning that each human is created in the image of God and has the special gift and challenge of sharing in God's creation

Islam:

Year 5 will be learning about Ramadan, Eid-ul-Fitr and the Hajj. The children will discover the teachings of Islam and discuss the similarities and differences with their own Catholic beliefs.



Art and design

Collage and Textiles (Working with Wool)

This term, Year 5 will be learning to explore ways to alter cloth and to embroider. The children will be learning to weave on a twig loom and to mark-make with wools.

Digital Media (Digital Towns)

This term, Year 5 will be learning to practice and apply digital image-manipulation techniques and to use text in *Pixlr*. The children will be learning to create art using printed digital media, to edit digital images and to consolidate skills and techniques for image editing.

Design Technology

The children will be designing, making and evaluating **an alarm system** in their unit of work about **electrical systems**.

Food Technology

Year 5 will be learning about the basic principles of a healthy and varied diet. The children will also use a range of cooking techniques to prepare **Falafel Pittas**.

PSHCE

This term, Year 5 will learn that **images in the media** do not always reflect reality and can affect how people feel about themselves. The children will learn about **emotional well-being**, learning that emotions change as they grow up, and they will also learn that openness with trusted adults when they are worried ensures healthy well-being.

The children will learn the difference between **harmful and harmless videos and images**, the impact that harmful videos and images can have on young minds and they will learn ways to combat and deal with viewing harmful videos and images.

Year 5 will learn that **pressure** comes in different forms, and there are strategies that they can adopt to resist pressure. The children will learn about the nature and role of **menstruation** in the fertility cycle.

Spanish

Year 5 will be studying the following topics this term, led by our specialist Spanish teacher: the city; body and face parts; descriptions; opinions; food and drink; likes and dislikes; weather; and verbs. They will also learn Spanish games and songs.

PE

This term, Year 5 children will be developing their athletics skills. They will also practise their co-ordination and footwork by playing invasion games, such as rounders and tennis.

PE kits should be worn on Mondays.

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.

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**?

