



St Joseph'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. The children will be reading the following key texts: *Skellig* by David Almond and *October October* by Katya Balen and the biographies of Nelson Mandela and Barack Obama. These high quality texts will be used to model writing, inspire the children's own writing and extend skills in vocabulary, grammar, punctuation (including using colons, semi-colons, dashes and hyphens) and spelling. We will be continuing to encourage the children to write for a purpose, e.g. biographies, descriptions, stories, diary entries and newspaper reports.

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.

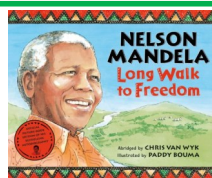
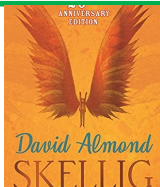
How you can help:

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.

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.

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.

Log in to <https://classroom.thenational.academy/subjects-by-year/year-5/subjects/maths> for some Year 5 maths consolidation.

Science

Living things and their habitats

This term, Year 5 will be learning to describe and explain how scientists classify living organisms, including plants. The children will be learning to explore the classification of animals and to recognise the main groups of vertebrates and invertebrates. Year 5 will also be learning to classify micro-organisms and to investigate the growth of micro-organisms.

Evolution & inheritance

This term, Year 5 will be learning to ask relevant questions about evolution and to recognise that fossils provide evidence of evolution. The children will be learning to identify that living things produce offspring that are of the same kind but are not identical. Year 5 will also be learning to research how plants are adapted to their environment and to identify how animals are adapted to enable them to survive

Music

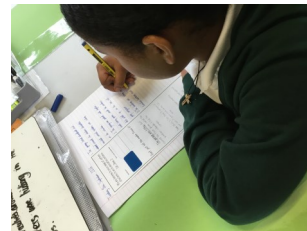
This term, Year 5 will be learning how to maintain pulse using the voice and the body. The pupils will be learning to understand the difference between on and off beats in different musical styles, including syncopated rhythms and polyrhythms. Year 5 will also be learning to classify instruments; to imitate world percussion using sound sources in the home; and to understand the role of percussion in programmatic music. The pupils will also be structuring pieces of music, exploring ostinatos and composing rhythmic ostinato patterns.

Computing

Creating media: webpage creation

Year 5 will be learning to review an existing website and consider its structure. The children will be learning to plan the features of a web page and to consider the ownership and use of images (copyright). Year 5 will be learning to recognise the need to preview pages and to outline the need for a navigation path. The children will also be learning to recognise the implications of linking to content owned by other people.

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 address: https://www.thinkuknow.co.uk/8_10/



History - The impact of World War Two on London

This term, Year 5 will be learning about World War Two. The children will be learning to explain the impact of the Blitz on London during World War Two and the impact of evacuation. Year 5 will also be learning to explain the impact of World War Two on daily life in London and to understand how the British government and public managed shortages during World War Two.

Geography - Restless Earth / Drinking Water / Local Weather

This term, Year 5 will be learning to understand how volcanoes erupt and how landscapes are created. The children will be learning why clean water is so important and how to conserve water. Year 5 will also be learning how the climate varies between places and how pollution is affecting the climate.

Religious Education - Creation and Covenant/Prophecy and Promise

In the Autumn Term Year 5 will learn about the second Creation story. They will learn about the Church's teachings on the purpose of this story as well as scientific accounts, referencing 'Laudato Si' and 'stewardship'. They will learn about the Christian belief of 'original sin' and how this links in with the Sacrament of Baptism. Children will reflect on how Christians believe that in Jesus a new covenant is made and through Him, our relationship with God can be restored, making links with John and the Nicene Creed. They will also look at the work of Christian scientists who have contributed to the scientific understanding of the beginnings of the universe.

In the second half of the term, Year 5 will learn about important women in the Bible such as Miriam, Deborah, Esther, Sarah, Hannah and of course Mary. They will learn that the Catholic Church teaches that these women were important and were some of the main figures in God's plan to save people from death (salvation history). They will reflect that Catholic's believe that Mary is the fulfilment of those Old Testament promises and became the 'Mother of God' by her 'Yes' to God's plan.

Things to do at home... You could read Genesis 2:5-10, 15-23, 3:1-7,9-13, 17-19 John 1:1-5, 16-18 The Nicene Creed; Genesis 18:1-15; 21:1-7: (Sarah); Exodus 1:8-22; 2:1-10: (Miriam); Judges 4:4-11; 5:7-15: (Deborah). Write your thoughts and feelings on how a Christian can know that the theory of Evolution is factually true, but also believe in God's creative power. Write a biography, story or paint a portrait inspired by one of the biblical women you have learnt about. Think about Mary's role as the mother of Jesus and paint a portrait of her as you see her.

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 learning to understand that most common infections get better on their own through time, bed rest and liquid. They will also be learning to understand gender stereotypes and to talk about mental health and wellbeing, who can help us and how to ask for help. The children will be exploring how and why people are excluded and the concept of fairness and how people decide what is fair and unfair. Year 5 will also explore 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 1-100; colours and numbers; story; hobbies; shopping; and Christmas. The children will also be playing games and singing songs in Spanish.

PE—Thursdays

This term, in football, Year 5 will be learning to play effectively in a variety of positions and formations on the pitch. They will also be relating a greater number of attacking and defensive tactics to gameplay. In netball, Year 5 will be learning to use specific netball skills in games confidently, e.g. pivoting, dodging, bounce passing, in both attack and defence.

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 daily homework. Help them to be organised with their time so that their homework is handed in every day.

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 when they finish a 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**? Homework should be submitted on Google Classroom by **Wednesday**.

