



St. James and St. John C of E 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. The children will also be writing poetry about the sights and sounds of the rainforest. 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 Reading 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 their books from school at home every day.

Visit the **BBC Bitesize** website - at the following web address - and work through the activities with your child:

<https://www.bbc.co.uk/bitesize/subjects/zbwg7v4>



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.

Number: Negative Numbers

Count through zero in 1s; Count through zero in multiples; compare and order negative numbers.

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.

Geometry: Position and Direction

Read and plot coordinates; solve problems with coordinates; understand translation, lines of symmetry and reflection.

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. 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 (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.

Forces

This term, Year 5 will be learning to describe and explain the force of gravity, the effects of different types of forces such as friction, air resistance and water resistance. The children will also investigate how levers, pulleys and gears make use of forces to work.

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

Music

In **music**, Year 5 will be singing songs from around the world. The pupils will be using a drum kit to learn about and understand the 4/4 time signature with possible variations. Year 5 will also be learning to compose and improvise, using tuned instruments and the notes C, D, E, F, G and A. They will also be learning to understand the pentatonic scale. In learning the African drum, the pupils will be putting three rhythms together and playing together in an ensemble. Year 5 will also be listening to music from Trinidad / South Africa and Disco music.

Computing

In **computing**, Year 5 will be learning about **programming** in their unit of work about **selection in quizzes**. The children will be learning the following: explaining how selection is used in computer programs; relating that a conditional statement connects a condition to an outcome; explaining how selection directs the flow of a program; designing a program which uses selection; creating a program which uses selection; and evaluating their program.

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 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

Sikhism - How did the final five human Sikh Gurus shape Sikhism?

This term, Year 5 will be learning how Sikhism developed with each Guru. The children will be learning how Sikh practices today are influenced by the teachings of the Gurus, including Guru Har Rai's care for creation, Guru Har Krishan's care for those dying, and the sacrifice Guru Tegh Bahadur made to protect the right for everyone's freedom to worship God in whatever way they believed to be right. The children will learn about Guru Gobind Singh, Sikhism's tenth and final living Guru, and understand the events in his life to explore the question: *How and Why was the Sikh Khalsa formed?* Children will also learn about the significance of the *Five K's* in Sikhism.

Islam - How do Muslims live and embrace their faith in a diverse world?

This term, Year 5 will be learning about the significance and importance of the Shahadah to a Muslim's life. They will understand the importance of zakat for Muslims and the impact it has on an individual's way of thinking. Children will understand how a Muslim expresses and embraces their faith will be different for each individual, and that there is diversity within Islam. They will explore what giving to charity means for a Muslim. The children will also explore the question: *What does it mean to be a Muslim in Britain today?*

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 practise 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: food; Spanish in the world; ways of transport; professions; routines and time; instruments and music. They will also learn Spanish games and songs.

PE

In **Rounders**, Year 5 will be linking together a range of skills and using them in combination. They will be collaborating with a team to choose, use and adapt rules in games, and learning to recognise how some aspects of fitness apply to rounders, e.g. power, flexibility and cardiovascular endurance.

In **Athletics**, Year 5 will be learning to sustain pace over short and longer distances, e.g. running 100m and running for 2 minutes. They will be learning to run as part of a relay team, working at their maximum speed and to perform a range of jumps and throws, demonstrating increasing power and accuracy.

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. 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**. Encourage your child to make predictions about what might happen next (For example, 'What do you think will happen next?' 'Why do you think that?').

Encourage your child 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**.

