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 spring 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: *The Highwayman*, by Alfred Noyes and *Kensuke's Kingdom*, by Michael Morpurgo. These high quality texts 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, stories and poetry. Linked with the children's history work, the children will also write non-chronological reports about the history of London.

Grammar:

The children will be learning about modal verbs, phrases and clauses, and subject - verb agreement. They will also continue to work on the use of direct and indirect speech.

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

Visit the **BBC Bitesize** website with your child: **www.bbc.co.uk/bitesize/collections/year-5-and-p6-english-lessons/1**

Maths

This term, Year 5 will be learning the following:

Number: Multiplication and Division

Multiplying 2 digit, 3 digit and 4 digit numbers by a one- or two-digit number, including long multiplication for two-digit numbers, e.g. 2542 x 21; multiplying and dividing numbers mentally by using known multiplication facts up to 12 x 12; dividing numbers up to 4 digits by a one-digit number using short division, including dividing with remainders, e.g. 8407 ÷ 4

Number: Fractions

Identifying, naming and writing equivalent fractions of a given fraction, including tenths and hundredths; recognising mixed numbers and improper fractions and converting from one form to the other, e.g. 6/5 = 1 1/5; adding and subtracting fractions; multiplying proper fractions and mixed numbers by whole numbers.

Number: Decimals and Percentages

Reading and writing decimal numbers as fractions e.g. 0.71 = 71/100; 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; recognising the per cent symbol (%) and understanding that per cent relates to 'number of parts per hundred', writing percentages as fractions with denominator 100, and as decimals, e.g. 50% = 50/100 = 0.5

Measurement: Perimeter and Area

Finding the perimeter of rectangles, rectilinear shapes and polygons. Finding the area of rectangles, compound shapes and estimating area.

Statistics

Reading, interpreting and drawing graphs, tables and timetables.

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 log on to *Times Tables Rockstars*: **play.ttrockstars.com** to practise for 10 minutes each day.

Science

Earth and Space

Year 5 will be learning to describe the shape of the Earth, Sun and Moon. They will then learn how the Earth moves around the Sun, and the Moon around the Earth. They will also investigate how the Earth's rotation causes day and night. They will have the opportunity to research scientific theories from the past about the solar system.

Living things and their habitats

Year 5 will be describing the differences and similarities in the life cycles of a mammal, an amphibian, an insect and a bird. They will compare these life cycles with a range of animals from around the world.

Visit **bbc.co.uk/bitesize/primary** and choose Y5—Science for a selection of science videos.

RE

Sikhism

Year 5 will learn about Sikhism and how the first five Sikh Gurus shaped Sikhism. The pupils will learn how Sikhism developed with each Guru; what Sikh practices today are influenced by the teaching of the Gurus; and the importance of equality in Sikhism.

What happens in churches at Easter

The children will be learning the meaning behind many of the symbols used at Easter. They will become familiar with the events and importance of Lent and Holy Week.

Computing

This term, Year 5 will learn about **computing systems and networks - sharing information**. The children will be learning to explain that computers can be connected together to form systems; to recognise the role of computer systems in our lives; to recognise how information is transferred over the internet; to explain how sharing information online lets people in different places work together; to contribute to a shared project online; and to evaluate different ways of working together online.

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: **thinkuknow.co.uk**

History

Changes to Britain and London during the Industrial Revolution

In exploring the time and place of the Georgian and Victorian era, Year 5 will be learning to understand the difference between life for the rich and poor in Victorian London. The children will be learning to understand the impact of the Industrial Revolution on London, including how this affected working conditions for children. They will be exploring why people moved from rural areas to cities like London in the Victorian era.

Geography

Cities, Jobs and Pollution

Year 5 will be learning to understand how cities are changing and how London has grown and changed over time. The children will be learning about different types of work. They will also be learning to understand what causes pollution, how to reduce pollution and they will be investigating clean energy in our area.

PE

Gymnastics

Year 5 will be learning to create longer and more complex sequences, to take the lead in a group when preparing a sequence, to develop symmetry individually, as a pair and in a small group. The children will compare performances and judge strengths and areas for improvement and select a component for improvement, e.g. timing or flow.

Dance

Year 5 will be learning to perform different styles of dance fluently and clearly, to refine and improve dances, adapting them to include the use of space, rhythm and expression.

Music

This term, Year 5 will be learning about rhythm and tonality. They will learn how to structure and perform a piece inspired by West African drumming. They will learn about rhythmic cycles and explore different elements of Samba. They will learn to construct and play a melody using a scale and will listen to a range of different types of music (e.g. jazz and folk songs).

Spanish

The children will be studying the following topics in this term's Spanish lessons, led by our specialist Spanish teacher: family; pets; our bodies; clothes; school; classroom; living in a city; around my home; and Easter celebrations.

Art and design

Sculpture (Abstract Sculptures)

This term, Year 5 will be learning to explore abstract art and the work of Kandinsky, including making watercolour studies of Kandinsky's work. The children will be learning to develop ideas for a sculpture, constructing and adding colour to their own abstract sculptures.

Printing (Exploring Surfaces)

This term, exploring different surfaces, Year 5 will be learning the following printing techniques: printing on a range of paper surfaces; printing using the intaglio method; and exploring texture in print. The children will bring their printing learning together to make their own original prints.

Design Technology

Structures (Making African Instruments)

The children will be designing, making and evaluating an African-inspired musical instrument in their unit of work about structures.

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 **Vegetable Cous Cous**.

PSHCE

In Keeping Safe Studies, Year 5 will be learning about self-care and first aid, being safe online and managing their emotions. They will also be learning the following: to learn the risks associated with smoking and drugs; to learn about the different influences on drug use, alcohol, tobacco and nicotine; to learn strategies to resist pressure from others about whether to use drugs; to understand budgeting; and to learn positive coping strategies to cope with challenging thoughts and feelings.

Year 5 will also be learning about the following: developing a sense of belonging; how to deal with feelings in relationships; knowing the difference between big and small feelings; explaining the functions of nutrients and fibre; explaining the reasons it is important to keep hydrated; and identifying and interpreting information on food labels.

How you can help: Talk to your child about how to keep safe in different situations.

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 on Google Classroom. 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 **school 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.**

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