

Your Child in 5/6G Autumn Term 2022



Dear Parents/ Carers,

Welcome back. I hope you had an enjoyable and relaxing summer break. Below, you will find an outline of the topics that your child will be learning about in class over the coming term. In addition to providing you with an insight into the curriculum areas that will be covered in the lead up to Christmas, it is hoped that this information will also assist in supporting your child’s home learning activities.

English

Fiction: War Fiction – War Horse. Children will be discussing their own and others’ reading preferences. After analysing the language and structure of a range of styles, children will have the opportunity to develop their own creative writing and evaluate their work and that of others.

Non-Fiction: Newspaper reports - Formal and informal writing, including letters. In non-fiction, children will work on understanding and developing a journalistic style of writing. They will explore how newspaper articles report facts and opinion.

Reading remains a vital aspect of your child’s education. It becomes very evident in children’s writing when they read regularly. Thus, to best support your child, please ensure they read at home every evening. This can be from a variety of texts but should include a novel or a chapter book. Children should also be able to demonstrate a clear understanding of the texts that they are reading. I am happy for children to complete their own reading records but ask that you check and sign them regularly (**at least three times every week**) to confirm that they are reading.

Spelling is increasingly important in years 5 and 6 as there will be a clear focus on spelling, punctuation, and grammar in the year 6 SATs. It is therefore necessary that your child continues to develop consistency and accuracy in their spelling. Weekly spelling homework will also help to develop your child’s skills in this area.

Maths (year 5) - Key objectives

- Place value with numbers up to 1,000,000
- Negative numbers
- Rounding numbers
- Roman numerals
- Addition and subtraction with larger numbers using formal written method
- Mental multiplication and division
- Multiplying and dividing by 10/100/1000
- Multiplication using formal written method
- Short division
- Multiples and factors
- Square and cube numbers
- Line graphs and tables.
- Using vocabulary to explain and develop reasoning skills.

Maths (year 6) - Key objectives

<p><u>Number: Place Value</u></p> <ul style="list-style-type: none"> ● Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit. ● Round any whole number to a required degree of accuracy. ● Use negative numbers in context, and calculate intervals across zero. ● Solve number and practical problems that involve all of the above. <p><u>Geometry- Position and Direction</u></p>	<p><u>Number- addition subtraction, multiplication and division</u></p> <ul style="list-style-type: none"> ● Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why. ● Multiply multi-digit number up to 4 digits by a 2-digit number using the formal written method of long multiplication. ● Divide numbers up to 4 digits by a 2-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding as appropriate for the context. ● Divide numbers up to 4 digits by a 2-digit number using the formal written method of short division, interpreting remainders according to the context. 	<p><u>Fractions</u></p> <ul style="list-style-type: none"> ● Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. ● Compare and order fractions, including fractions > 1 ● Generate and describe linear number sequences (with fractions) ● Add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions.
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<ul style="list-style-type: none"> ● Describe positions on the full coordinate grid (all four quadrants). ● Draw and translate simple shapes on the coordinate plane, and reflect them in the axes. 	<ul style="list-style-type: none"> ● Perform mental calculations, including with mixed operations and large numbers. ● Identify common factors, common multiples and prime numbers. ● Use their knowledge of the order of operations to carry out calculations involving the four operations. ● Solve problems involving addition, subtraction, multiplication and division. ● Use estimation to check answers to calculations and determine in the context of a problem, an appropriate degree of accuracy. 	<ul style="list-style-type: none"> ● Multiply simple pairs of proper fractions, writing the answer in its simplest form. ● Divide proper fractions by whole numbers. ● Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction ● Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.
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Religious Education

This term, the class will be covering the topics: Loving and Vocation & Commitment.

Science

Animals including humans

Children will be taught to:

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- Describe the ways in which nutrients and water are transported within animals, including humans.

Changing Circuits

Children will consolidate their knowledge of materials which are electrical conductors, extend understanding of ways in which the brightness of bulbs or speed of motors in a circuit can be changed and develop their understanding of the value of using conventional symbols for communication

Topic Work

History: Children will be learning about Wars in the 20th Century' focusing on WW1. They will learn to:

- Place events, people and changes of British, local & world history, on a timeline, using appropriate dates/chronological conventions.
- Select relevant historical information, considering different viewpoints or thinking about possible bias.
- Think carefully to select and organise relevant historical information from a range of historical sources of information.

Geography: Children will explore natural disasters and extreme weather phenomena around the world whilst learning to:

- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)
- Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

ART: Children will explore Renaissance Architecture and will learn to do observational drawing (using perspective to draw). They will also learn to work with plaster- designing and painting on plaster.

DT: In the topic of Food and Nutrition, the children will focus on Great British dishes and will develop their designing, making and evaluating skills whilst exploring areas including:

- Recipe development, including substitution of ingredients
- Seasonality of foods
- Food processing methods
- Food hygiene and preparation

Computing

Internet-Safety: The children will be learning how to use the internet and technology safely and respectfully, keeping personal information private; identifying where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

Solving Programming Problems: The children will design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems and will solve problems by decomposing them into smaller parts.

They will use sequence, selection, and repetition in programs, working with variables and various forms of input and output.

The children will use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Music

The children will sing songs with control and use the voice expressively through a variety of singing songs and games which will teach them about breathing, dynamics and accuracy of pitch; how to improve tone production and use diction and other vocal techniques; about pulse, rhythm and metre. The children will develop notation skills through the use of tuned percussion.

Spanish

The children will revise and extend core vocabulary in Spanish through activities and songs. Topics will include numbers into and beyond 1000s, shades of colours, family members and classroom instructions. The topic will be Barcelona. Through this topic, they will learn to identify and name geographical features in Spanish, to say what they want to visit and why, revise clothing and begin to use different tenses to express ideas in the past, present and future.. They will continue to develop reading and writing skills, producing more complex sentences and texts. They will present information to the each other in Spanish and write for different purposes. They will acquire about language learning skills, learn to give opinions and explore aspects of grammar such as prepositions, verb tenses and conjunctions.

Physical Education (PE)

During this term, the students will have teacher-led and coached sessions where they will gain various skills in a variety of multi-sports activities. PE will take place every Thursday and children are expected to arrive at school wearing their full St Charles PE kit on this day.

PSHE

Children will explore the topics of:

- Religious Understanding
- Living in the Wider World
- Conflict Resolution
- Protected Characteristics and Bullying.

Homework

As a reminder, homework will generally be as follows:

Monday	Spellings (to be handed in on Friday)
Tuesday	Maths (to be handed in by Thursday)
Friday	English + any Topic work (to complete over the weekend)

Your child will be told how to access their homework.

In addition to set homework, children will be asked to complete any unfinished class work at home. As we approach SATs, children in year 6 will also be expected to complete revision at home with your assistance. This additional support will be crucial in order to help your child prepare for their exams.

Stationery

Where possible, please ensure your child has their own pencil case containing: pencils, a rubber, a sharpener, coloured pencils, a ruler and a glue stick. Children should also bring a clearly labelled water bottle to school each day.

If you have any questions or concerns, please feel free to contact me directly via the class email address (56g@st-charles.rbkc.sch.uk) or arrange a time to speak to me over the telephone or in person.

Best Wishes,

Miss Gordon
5/6G Class Teacher