

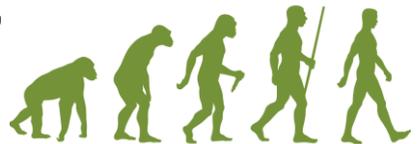


Year 6

Guide To Summer Term 1



2017



Our curriculum at Summerlea is creative and designed to forge links between the different areas of learning. Each topic we study is led by a driving question to get us thinking. We have listed the **main** curriculum areas that will be addressed by each question and have given a brief outline of what we will be learning.

This half term our driving question will be...

“How Did We Get Here?”

Science: Through this topic, we will learn about variation and adaptation and explore the development of evolutionary ideas and theories over time. We will examine the scientific evidence from plants and animals that has been gathered to support the theory of evolution. Building on their work on rocks, soils, habitats and human development in previous years, the children will be studying fossils in order to explore and question what evidence these can provide about living things that inhabited the Earth millions of years ago.

English: Using the *Ask Dr K. Fisher* books as a stimulus, the children will create their own agony aunt/uncle questions and advice in order to present their understanding of evolution, inheritance and adaptation. We will also be giving the children ‘free write’ time in order for them to produce high-quality work to demonstrate their use of engaging language and grammatical features; any work they do at home can also be used as evidence so please send it in!

Revision: Time will be allocated during the week for children to take part in directed and self-directed revision in order to prepare them for their upcoming SATs tests.

Maths:

Our main objectives are to:

Practise **problem solving strategies** using a range of materials and problems presented in a variety of ways, including past test questions.

Revise reading, writing, comparing and ordering numbers with up to seven digits and decimal numbers with up to three decimal places; revise rounding decimal numbers to the nearest tenth and whole number; revise rounding big numbers to the nearest thousand, ten thousand, hundred thousand and million; revise locating a number on a number line marking numbers it lies between; revise comparing and ordering negative numbers including calculating differences between negative numbers and positive and negative numbers.

Revise adding and subtracting whole numbers and decimal numbers using mental and written methods; revise finding percentages of numbers, converting fractions, decimals and percentages and making comparisons using percentages; revise how brackets can be used in calculation problems, revise the order of operations for calculations involving the four operations; revise solving missing number problems using inverse operations; revise using trial and improvement to solve equations involving one or two unknowns, and find missing lengths and angles.

Revise scaling, using mental strategies for multiplying and dividing; revise solving problems involving rate; revise multiplying pairs of 2-digit numbers and finding factors of 2-digit numbers; multiply 3-digit and 4-digit numbers including decimals by whole 1-digit numbers and solve word problems involving multiplication of money and measures; use a systematic approach to solve problems involving multiplication and division, including long multiplication of 3-digit and 4-digit numbers and decimals.

Revise using short division to find unit fractions of amounts, including decimals, and round answers to money problems according to the context; revise using long division to divide 4-digit by 2-digit numbers, giving remainders as a fraction, simplifying where possible; revise using long division to divide 3-digit and 4-digit numbers by numbers between 10 and 30, writing the fractional part of the answer as a decimal where equivalents are known; revise calculating the mean average; revise reading and marking coordinates in all four quadrants, draw simple polygons and find missing coordinates on a polygon or line

Any help at home with learning number facts, times-tables and telling the time would be beneficial! The Maths Bootcamp and Doodle Maths websites will support with all areas of maths revision.

Talk to your child's Class Teacher for ways to help.

Year 6 news and information

The team:

Mrs Tedbury (Senior Leader and Key Stage 2 Leader)

Mr Anderson (Cherry Class Teacher)

Mr Fauvel (Elder Class Teacher)

Mrs Barton (Learning Support Assistant)

Exciting days and events:

SATs week: Monday 8th – Thursday 11th May

Alex Rider trip: Monday 22nd – Friday 26th May

PE Days:

Wednesdays – indoor PE

NB: It is helpful if your child can have their PE kit in school every day as there may be unforeseen timetable changes or additional activities planned.

Thursday afternoon – outdoor PE

Homework:

Spellings: set every Friday, tested on a Thursday.

Maths: set on a Thursday, due in the following Monday.

Revision: www.compare4kids.co.uk, www.readtheory.org.uk

Coats/snacks/drinks and equipment:

Please ensure your child has appropriate clothing for cold/wet weather as we will often still go out when it is raining. Please remember to ensure they have a separate jumper for outdoor PE and that they can wear longer trousers/jogging bottoms.

Please don't hesitate to get in touch with your child's Class Teacher if you have any concerns or queries; our doors are always open.