



Year 5

**Guide to
Spring Term 1
2021**

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 through each question and have given a brief outline of what we will be learning.

This half term our driving question will be...

“Community: How can we work together?”



The key driver for this topic is **PSHCE & History**. We will focus on how the Vikings lived and worked as a community. We will look at natural resources and fair trade; how they affect our community and give us ideas on how improve our local community. Then, we will concentrate on diversity within a community and how we can celebrate this through researching different British role models and a DT project of designing a new 50p coin.

English: Our term begins with narrative speeches. We will create our own narrative based on telling the Viking community about an epic adventure. After, we will focus on the feature and writing skills of a persuasive letter.

D.T: We will be working together to design and create a new 50p coin based on diversity in Britain. This will include writing a letter to the Royal Mint to persuade them to use their design.

History: This term we will also be focusing on the Viking and Anglo-Saxon struggle for the kingdom of England to the time of Edward the Confessor. We will be delving into the Viking raids and invasions and Anglo-Saxon laws and justice.



Maths: Our main objectives are to:

Area

calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm²) and square metres (m²), and estimate the area of irregular shapes

Number – Multiplication and division

Multiply and divide numbers mentally drawing upon known facts.

Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for 2-digit numbers.

Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.

Number-Fractions

Compare and order fractions whose denominators are multiples of the same number.

Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number

Any help at home with learning number facts, times-tables and telling the time would be beneficial!

Talk to your child's class teacher for ways to help.

Year Group Objectives

On the following pages are the key year group objectives for reading, writing and maths that we use in school to assess the children. For a child to achieve age related expectations they need to have met all of these objectives by the end of the year.

On the school website you can also view a Year 5 English and Maths guide which has been published by Twinkl. This useful document can be found in [Our School > Curriculum and Assessment > Year Group Objectives](#) and gives guidance on the key skills covered throughout the year.

Reading:

	Read age-appropriate books with confidence and fluency (including whole novels).
	Read aloud with intonation that shows understanding.
	Work out the meaning of words from the context.
	Explain and discuss their understanding of what they have read, drawing inferences and justifying these with evidence.
	Predict what might happen from details stated and implied.

	Retrieve information from non-fiction.
	Summarise main ideas, identifying key details and using quotations for illustration.
	Evaluate how authors use language, including figurative language, considering the impact on the reader.
	Make comparisons within and across books.

Writing:

Objective

write effectively for a range of purposes and audiences, selecting language that shows good awareness of the reader (e.g. the use of the first person in a diary; direct address in instructions and persuasive writing)

in narratives, describe settings, characters and atmosphere

integrate dialogue in narratives to convey character and advance the action

select vocabulary and grammatical structures that reflect what the writing requires, doing this mostly appropriately (e.g. using contracted forms in dialogues in narrative; using passive verbs to affect how information is presented; using modal verbs to suggest degrees of possibility)

use a range of devices to build cohesion (e.g. conjunctions, adverbials of time and place, pronouns, synonyms) within and across paragraphs

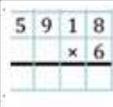
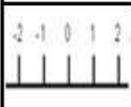
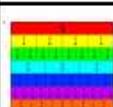
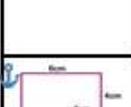
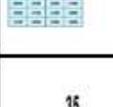
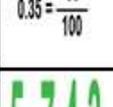
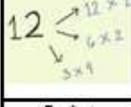
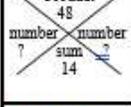
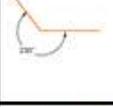
use verb tenses consistently and correctly throughout their writing

use the range of punctuation taught at key stage 2 mostly correctly[^] (e.g. inverted commas and other punctuation to indicate direct speech)

spell correctly most words from the year 5 / year 6 spelling [list](#) and use a dictionary to check the spelling of uncommon or more ambitious vocabulary

maintain legibility in joined handwriting when writing at speed.

Maths:

	<p>Read, write, order and compare numbers to at least 1,000,000 and understand the value of each digit.</p>		<p>Multiply numbers up to four digits by a one or two-digit number, using a formal written method. Use long multiplication for two-digit numbers.</p>
<p>Weight</p> <p>1 tonne = 1000 kilograms 1 kilogram = 1000 grams 1 gram = 1000 milligrams</p> 	<p>Convert between different units of measure.</p>		<p>Divide numbers up to four digits by a one-digit number using a formal written method of short division and interpret remainders.</p>
	<p>Interpret negative numbers in context: count forwards and backwards with positive and negative whole numbers, including through zero.</p>		<p>Compare and order fractions whose denominators are all multiples of the same number.</p>
	<p>Add and subtract whole numbers with more than four digits and numbers with up to 3 dp, using column addition.</p>		<p>Complete, read and interpret information in tables, including timetables.</p>
	<p>Measure and calculate the perimeter of composite shapes in cm and m.</p>		<p>Read and write decimal numbers as fractions, e.g. 0.71 = 71/100.</p>
	<p>Add and subtract numbers mentally including large numbers, e.g. 12,462 - 2,300.</p>		<p>Read, write, order and compare numbers with up to 3 decimal places.</p>
	<p>Identify multiples and factors including finding all factor pairs of a number and common factors of two numbers.</p>		<p>Solve problems using percentage, decimal & fractional equivalents; $\frac{1}{4}$: 0.25 : 25% $\frac{1}{10}$: 0.1 : 10% $\frac{1}{5}$: 0.2 : 20%</p>
	<p>Use knowledge of factors and multiples to solve problems.</p>		<p>Draw given angles and measure them in degrees.</p>
	<p>Use knowledge of square and cube numbers to solve problems.</p>		<p>Calculate and compare the area of rectangles using cm² and m².</p>
	<p>Solve problems including scaling by simple fractions and solve problems involving simple rates.</p>		<p>Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.</p>