Wales Primary School Basic Skills: Year 5

Talking to others	Talking with others
• Be aware of the audience when speaking (formal/non-formal) • Shape talk deliberately for effect and clarity • Present a spoken argument that develops coherently and logically • Support points with evidence and persuasive language • Pupil's confidence, enjoyment and mastery of language extended through public speaking, performance and debate • Recommend books to their peers, giving reasons • Provide reasoned justifications for their views	• Recognise significant detail and implicit meanings in others' contribution • Listen to the performance/debate with an open mind, recall the main points/arguments and decide, for clear reasons, which one was the most convincing • Work together as a group to prepare an argument against or for the motion in a debate • Prepare poems and play scripts to perform, showing intonation, tone and volume to make meaning clear

Reading and Phonics	Writing, SPaG and Handwriting	Numeracy and Mathematics	Computing, ICT and E Safety
Comprehension **Maintain positive attitudes to reading by:** • Reading and discussing a wide range of genres • Reading books structured in different ways and from different times and cultures **Understanding what has been read by:** • Read (scan, skim), compare and discuss a wide variety of texts • Checking that the book makes sense • Asking questions to improve understanding • Understand author's choice of language and the impact on the reader • Understand the reasoning behind different layouts • Drawing inferences and justifying answers with evidence • Identifying and retrieving information from non-fiction texts • Predicting • Summarising key ideas from more than one paragraph • Distinguish between fact and opinion **Word reading** *(appendix 1)* • Exploring the meaning of words in context. • Apply knowledge of root words, prefixes, suffixes to read and understand new words	**Writing composition** • Plan for audience and purpose • Develop characters and settings • Draft writing to improve purpose • Link paragraphs with a wider range of devices • Structure texts using organisational and presentational devices • Proof read evaluate and edit mistakes / for improvement **Spelling** *(appendix 1)* • Converting nouns into adjectives using suffixes • Verb prefixes **Punctuation** • Using brackets, dashes or commas to indicate parenthesis • Commas to clarify meaning *and* mark clause boundaries **Grammar** *(terminology in appendix 2)* • Use relative clauses *(who, what, where, when)* • Indicate degrees of possibility using adverbs *(perhaps, surely)* and modal verbs *(might, should, would)* • Use devices to build cohesion within a paragraph *(then, after, that, this, firstly)* • Link paragraphs using adverbials for time *(Later)*, place *(nearby)*, number *(secondly)* or tense *(he had seen her before)* **Handwriting** • Legible, joined and fluent • Match style of writing to the purpose	**Number System and Place Value** • Read write, order and compare numbers to 1 million and determine value of each digit • Count forwards and backwards in powers of 10 from any number up to 1 million • Round whole numbers up to 1 million • Use negative numbers in context and count forwards and backwards through 0 • Read Roman numerals *(linked to topic)* • Recognise and use thousandths to read, write, compare and order numbers • Round two place decimals to the nearest whole and 1d.p **Calculation** • Add and subtract using columns • Add and subtract larger numbers mentally • Use rounding to check calculations • Identify multiple, factor pairs and common factors of numbers • Understand and use prime numbers, prime factors, composite numbers, squared and cubed numbers • Multiply numbers using grid method • Divide numbers using bus stop • Multiply and divide numbers mentally using known facts *(including ÷10,100,1000)* **Shape, Space and Measure** • Compare and order fractions *(denominators = multiples of number)* • Identify, name and write equivalent fractions • Recognise and convert mixed number and improper fractions • Add and subtract fractions *(same denominator or are multiples of the same number)*	**Computing** • To design, write and debug programmes that accomplish specific goals. • Use sequence, selection and repetition in programmes. • Work with variables and various forms of input and output from Logo/Scratch Maze to Python 3 • Use logical reasoning to explain how algorithms work and to detect and correct errors **ICT** • Select, use and combine software to accomplish given goals • Use search technologies effectively and evaluate content **E Safety** • Use technology safely, respectfully and responsibly in a range of ways and to report concerns and inappropriate behaviour

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<u>Shape, Space and Measure continued…</u>

- Multiply proper fractions and mixed numbers by whole numbers
- Read and write decimal numbers as fractions
- Recognise the % symbol; convert to fractions and decimals
- Convert different metric measures
- Use equivalences between metric and imperial units
- Measure and calculate the perimeter of rectangles
- Calculate the area of regular and irregular shapes
- Estimate volume and capacity
- Identify 3D shapes from 2D representations
- Estimate, draw and measure angles *(acute, obtuse and reflex)*
- Identify angles at a point / whole turn / at a point on a straight line / half turn
- Use properties of rectangles to find missing lengths, angles, distinguish between regular and irregular polygons
- Translate and reflect shapes giving new coordinates
- Read and interpret information from a line graph, table and timetable

<u>Problem Solving</u>

- Solve multistep problems using addition, subtraction, multiplication and division
- Solve problems using numbers with3dps and decimal and % equivalents
- Solve problems converting units of time, mass, volume, length and money