

Wales Primary School Basic Skills: Year 6

Talking to 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

Talking with others

- 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 playscripts 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
 - 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)

- Synonyms and antonyms
- Use dictionaries and thesaurus accurately
- Know all spelling rules and exceptions to the rules (*learn some words in isolation*)
- Prefixes and suffixes
- Silent letters
- Common misspelt homophones

Punctuation

- Commas to clarify meaning
- Using brackets, dashes or commas to indicate parenthesis
- Use : ; - to mark clause boundaries
- Use ...

Grammar (terminology in appendix 2)

- Use perfect form to mark relationship with time and cause
- Understand and use passive and active verbs
- Use subjunctive forms (*If I were, Were they*)
- Use relative clauses (*who, what, where, when*)

Handwriting

- Legible, joined and fluent
- Match style of writing to the purpose

Number System and Place Value

- Read write, order and compare numbers to 10 million and determine value of each digit
- Identify place value in numbers with up to 3 decimal places
- Round whole numbers
- Use negative numbers in context and calculate intervals across 0

Calculation

- Perform mental calculations using + - x ÷
- Solve problems involving all 4 operations using columns, grid and bus stop
- Multiply and divide numbers by 10, 100, 1000
- Multiply one digit numbers with up to two decimal places by whole numbers
- Interpret remainders as whole numbers, fractions, or rounding
- Identify common factors, common multiples and prime numbers
- Simplify fractions using common factors
- Use common multiples to express fractions in the same denomination
- Compare and order fractions including those greater than 1
- Add and subtract fractions with different denominators or mixed numbers
- Multiply small pairs of proper fractions
- Divide proper fractions by whole numbers
- Recall and use equivalences between fractions, decimal and percentages

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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Shape, Space and Measure

- Use, read, write and convert measures of length, mass, volume and time
- Draw 2D shapes using given dimensions and angles
- Use formula to calculate perimeter, area and volume of shapes (*including triangles and parallelograms*)
- Describe properties and classify 2D and 3D shapes
- Recognise and find missing angles
- Describe direction /position on a 4 quadrant grid
- Draw and translate shapes on the coordinate plane and reflect them in the axes
- Interpret and construct pie charts and line graphs
- Calculate the mean (*average*)

Algebra

- Use simple formulae
- Generate and describe linear number sequences
- Express missing number problems algebraically
- Find pairs of numbers to satisfy an equation
- Enumerate possibilities of combination of two variables
- Use symbols and letters to represent variables and solve problems

Problem Solving and Application

- Use knowledge of place value to solve number and practical problems
- Solve multi step problems using addition, subtraction, multiplication and division
- Solve problems using ratio and proportion
- Use a simple formulae to solve problems
- Solve problems and round answers
- Solve problems by calculating percentages, using scale factors, using knowledge of fractions and multiples
- Solve problems that include interpreting pie charts and line graphs