

Maths

Number – calculations

I can:

- Demonstrate an understanding of place value, including large numbers and decimals;
- Add and subtract negative numbers;
- Calculate mentally, using efficient strategies such as manipulating expressions using commutative and distributive properties to simplify the calculation;
- Use formal methods to solve multi-step problems
 - Multiplication
 - Division
 - Subtraction and Addition
- Solve multi-step problems involving the 4 rules and use estimations to check answers to calculations.

Number – fractions, decimals and percentages

I can:

- Recognise the relationship between fractions, decimals and percentages and can express them as equivalent quantities;
- Calculate using fractions, decimals or percentages e.g.
 - Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.
 - Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $1/4 \times 1/2 = 1/8$].
 - Divide proper fractions by whole numbers [for example, $1/3 \div 2 = 1/6$].

Measurement

I can:

- Recognise that shapes with the same areas can have different perimeters and vice versa;
- Calculate the area of parallelograms and triangles and be able to use the correct formulae;
- Calculate the volume of cubes and cuboids using centimeter cubed and cubic metres and extending to other units such as mm cubed and km cubed.

Ratio and Proportion

I can:

- Solve problems involving the relative sizes of 2 quantities;
- Solve problems involving unequal sharing and grouping e.g. $3/5$ of the class are boys etc...
- Solve problems involving similar shapes where the scale factor is known or can be found;
- Solve simple ratio and proportion problems;
- Reduce a given ratio to its lowest terms.

Geometry

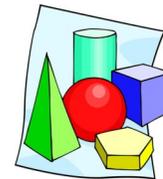
I can:

- Classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons;
- Use mathematical reasoning to find missing angles;
- Find missing angles in a parallelogram, rhombus and trapezium by working out diagonally opposite angles;
- Draw and translate simple shapes on the co-ordinate plane, reflect them in the axes and rotate around a point.

Algebra

I can:

- Substitute values into a simple formulae to solve problems.



Statistics

I can:

- Interpret and construct pie charts and use these to solve problems using my knowledge of angles, fractions and percentages;
- Interpret and construct line graphs and use these to solve problems.

End Of Year

Expectations

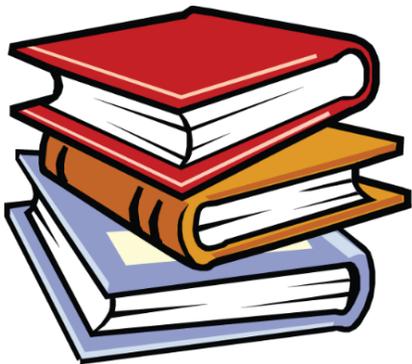


Year 6

Reading

I can:

- Read aloud with intonation that shows understanding;
- Read age appropriate books with confidence and fluency (including whole novels);
- Work out the meaning of words from the context;
- Explain and discuss my understanding of what I have read, drawing inferences and justifying these with evidence;
- Summarise main ideas, identifying key details and using quotations for illustration;
- Retrieve information from non-fiction;
- Predict future events from details stated and implied; explain supporting ideas with reference to the text;
- Evaluate how authors use of language, including figurative language and the impact on the reading;
- Make comparisons within and across books.



Writing

Writing – Composition

I can:

- Identify my audience and write with them in mind;
- Create atmosphere, and integrate dialogue to convey character and advance the action ;
- Draft my work developing initial ideas and researching where necessary;
- Consider how authors have developed characters and settings and use that knowledge to plan my own work;
- Select vocabulary and grammatical structures that reflect the level of formality required mostly correctly;
- Select and use the correct grammar and explain how my choices can change and enhance meaning;
- Write a short précis of a longer passage;
- Use organisational and presentational devices to structure stories;
- Assess the effectiveness of my writing and other people’s writing;
- Suggest changes to the vocabulary, grammar and punctuation I have used to improve the writing;
- Check my work to ensure that the correct tense is used;
- Check my work to ensure that the correct subject and verb agreement is used;
- Check my work for spelling and punctuation errors.

Writing—Vocabulary, Grammar and Punctuation

I can:

- Use adverbs, preposition phrases and expanded noun phrases effectively to add detail, qualification and precision and to consciously engage, entertain and inform the reader;
- Use passive and modal verbs mostly appropriately;
- Use a wide range of clause structures, sometimes varying their position within the sentence;
- Use inverted commas, commas for clarity, and punctuation for parenthesis mostly correctly, and make some correct use of semi-colons, dashes, colons and hyphens.

Handwriting

I can:

- Maintain legibility, fluency and speed in handwriting through choosing whether to join specific letters.



Spelling

I can:

- Spell most words correctly including common exception words (Year 5 and 6);
- Spell correctly homophones or near-homophones – (e.g. accept/except, affect/effect);
- Spell most words correctly, including polysyllabic words that contain unstressed vowels (e.g. different, interested, secretary, jewellery).