Year 6 Learning Goals

Reading

- Read age-appropriate texts fluently for long periods of time (at least half an hour)
- Use knowledge of prefixes, suffixes and root words to understand new words
- Recite and quote from favourite poems by heart
- Read aloud with appropriate tone, intonation and volume to make the meaning clear
- Draw inferences about characters' feelings, thoughts and motives, and justify with evidence from the text.
- Distinguish between fact and opinion when reading non-fiction texts
- Compare within and across a range of texts, including genre, theme and layout
- Identify and comment on figurative language used for effect (e.g.: metaphor and personification)
- Read widely and talk at length about a wide range of books, including myths, legends, traditional stories, modern and classical fiction, as well as books from other cultures/traditions and longer narrative poems
- Summarise and précis a longer text
- Identify themes and conventions across a range of writing

Writing

- Write at length across a range of text types (narrative, non-fiction, poetry), showing an understanding of audience and purpose
- Make deliberate choices decisions about vocabulary, and sentence lengths, types and structures
- Use dialogue to convey character & advance action
- Use the full range of verb tenses, formal language and the passive voice appropriately
- Use paragraphs to organise information and signal change in time, scene, action, mood or person.
- Use expanded noun phrases to convey complicated information concisely (e.g. The fact that it was raining meant the end of sports day)
- Use a range of punctuation with increasing accuracy (including: commas, brackets, dashes, colons, semi-colons, hyphens and bullet points).
- Write with increasing legibility, consistency and fluency, including joining letters using diagonal and horizontal strokes

Maths

- Compare and order numbers up to 10,000,000.
- Use negative numbers in context and calculate intervals across zero (e.g.: the difference between -17 and 5 is 22).
- Recognise and use common factors, common multiples, prime numbers, square numbers and cube numbers.
- Round any whole number to a required degree of accuracy and decimals to the nearest whole number
- Use knowledge of order of operations (BIDMAS) to carry out calculations involving four operations and brackets
- Add and subtract 7-digit numbers and numbers to 3 decimal places using the formal column method
- Multiply any 4-digit number by a 2-digit number
- Divide: any 4-digit number by a 2-digit number
- Use common multiples to add and subtract fractions with different denominators and mixed numbers
- Multiply simple pairs of proper fractions, writing the answer in the simplest form (e.g. $\frac{2}{3} \times \frac{1}{2} = \frac{1}{6} = \frac{1}{3}$)
- Divide simple proper fractions by whole numbers (e.g.: $\frac{1}{3} \div 2 = \frac{1}{6}$)
- Calculate percentages of quantities e.g. 75% of 360, and use percentages for comparison
- Begin to use algebra to express simple missing number problems (e.g. 6n = 42) and express possibilities of combinations of two variables (e.g. m x n = 24)