



By the end of year 5...

MATHEMATICS

- Identify & describe factors & multiples of whole numbers & use them to solve problems
- Use estimation & rounding to check the reasonableness of answers to calculations
- Solve problems involving multiplication of large numbers by one- or two-digit numbers using efficient mental, written strategies & appropriate digital technologies
- Solve problems involving division by a one-digit number, including those that result in a remainder
- Use efficient mental & written strategies & apply appropriate digital technologies to solve problems
- Compare & order common unit fractions & locate & represent them on a number line
- Investigate strategies to solve problems involving addition & subtraction of fractions with the same denominator
- Recognise that the place value system can be extended beyond hundredths
- Compare, order & represent decimals
- Create simple financial plans
- Describe, continue & create patterns with fractions, decimals & whole numbers resulting from addition & subtraction
- Use equivalent number sentences involving multiplication & division to find unknown quantities
- Choose appropriate units of measurement for length, area, volume, capacity & mass
- Calculate the perimeter & area of rectangles using familiar metric units
- Compare 12- & 24-hour time systems & convert between them
- Connect three-dimensional objects with their nets & other two-dimensional representations
- Use a grid reference system to describe locations. Describe routes using landmarks & directional language
- Describe translations, reflections & rotations of two-dimensional shapes. Identify line & rotational symmetries
- Apply the enlargement transformation to familiar two-dimensional shapes & explore the properties of the resulting image compared with the original
- Estimate, measure & compare angles using degrees. Construct angles using a protractor
- List outcomes of chance experiments involving equally likely outcomes & represent probabilities of those outcomes using fractions
- Recognise that probabilities range from 0 to 1
- Pose questions & collect categorical or numerical data by observation or survey
- Construct displays, including column graphs, dot plots & tables, appropriate for data type, with & without the use of digital technologies
- Describe & interpret different data sets in context

ENGLISH

- Understand that the pronunciation, spelling & meanings of words have histories & change over time
- Understand that patterns of language interaction vary across social contexts & types of texts & that they help to signal social roles & relationships
- Understand how to move beyond making bare assertions & take account of differing perspectives & points of view
- Understand how texts vary in purpose, structure & topic as well as the degree of formality
- Understand that the starting point of a sentence gives prominence to the message in the text & allows for prediction of how the text will unfold
- Understand how the grammatical category of possessives is signalled through apostrophes & how to use apostrophes with common & proper nouns
- Investigate how the organisation of texts into chapters, headings, subheadings, home pages & sub pages for online texts & according to chronology or topic can be used to predict content & assist navigation
- Understand the difference between main & subordinate clauses & that a complex sentence involves at least one subordinate clause
- Understand how noun groups/phrases & adjective groups/phrases can be expanded in a variety of ways to provide a fuller description of the person, place, thing or idea
- Explain sequences of images in print texts & compare these to the ways hyperlinked digital texts are organised, explaining their effect on viewers' interpretations
- Understand the use of vocabulary to express greater precision of meaning, & know that words can have different meanings in different contexts
- Understand how to use knowledge of known words, base words, prefixes & suffixes, word origins, letter patterns & spelling generalisations to spell new words
- Explore less common plurals, & understand how a suffix changes the meaning or grammatical form of a word
- Understand how to use phonic knowledge to read & write less familiar words that share common letter patterns but have different pronunciations

This is to be used as a guide only.

All children learn at a different pace & in different ways.

Summarised from: <https://www.australiancurriculum.edu.au/>