

# Year 3 Core Subjects

The content for Maths and Science is specific to Year 3. The content for English is prescribed for lower Key Stage 2 (i.e. years 3 and 4)

## English

Reading	Writing	Grammar
◆ Apply knowledge of morphology & etymology when reading new words	◆ Secure spelling, inc. homophones, prefixes, silent letters, etc.	◆ Use expanded noun phrases
◆ Reading & discuss a broad range of genres & texts	◆ Use a thesaurus	◆ Use modal & passive verbs
◆ Identifying & discussing themes	◆ Legible, fluent handwriting	◆ Use relative clauses
◆ Make recommendations to others	◆ Plan writing to suit audience & purpose	◆ Use commas for clauses
◆ Learn poetry by heart	◆ Develop character, setting and atmosphere in narrative	◆ Use brackets, dashes & commas for parenthesis
◆ Draw inference & make predictions	◆ Use organisational & presentational features	◆ <b>Speaking &amp; Listening</b>
◆ Discuss authors' use of language	◆ Use consistent appropriate tense	◆ Give well-structured explanations
◆ Retrieve & present information from non-fiction texts.	◆ Proof-reading	◆ Command of Standard English
◆ Formal presentations &	◆ Perform own compositions	◆ Consider & evaluate different viewpoints
		◆ Use appropriate register

## Mathematics

◆ <b>Number/Calculation</b>	◆ <b>Geometry &amp; Measures</b>	◆ <b>Fractions</b>
◆ Secure place value to 1,000,000	◆ Convert between different units	◆ Compare & order fractions
◆ Use negative whole numbers in context	◆ Calculate perimeter of composite shapes & area of rectangles	◆ Add & subtract fractions with common denominators, with mixed numbers
◆ Use Roman numerals to 1000 (M)	◆ Estimate volume & capacity	◆ Multiply fractions by units
◆ Use standard written methods for all four operations	◆ Identify 3-d shapes	◆ Write decimals as fractions
◆ Confidently add & subtract mentally	◆ Measure & identify angles	◆ Order & round decimal numbers
◆ Use vocabulary of prime, factor & multiple	◆ Understand regular polygons	◆ Link percentages to fractions & decimals
◆ Multiply & divide by powers of ten	◆ Reflect & translate shapes	
◆ Use square and cube numbers	<b>Data</b>	
	◆ Interpret tables & line graphs	
	◆ Solve questions about line graphs	

## Science (Curriculum taught over 2 Years)

### Biology

- ◆ Life cycles of plants & animals (inc. mammal, insect, bird, amphibian)
- ◆ Describe changes as humans develop & mature

### Chemistry

- ◆ Classify materials according to a variety of properties
- ◆ Understand mixtures & solutions
- ◆ Know about reversible changes; identify irreversible

### Physics

- ◆ Understand location and interaction of Sun, Earth & Moon
- ◆ Introduce gravity, resistance & mechanical forces