

Year 6 Core Subjects

The content for Maths and Science is specific to Year 5. The content for English is prescribed for upper Key Stage 2 (i.e. years 5 and 6)

English

Reading	Writing	Grammar
<ul style="list-style-type: none"> ◆ Read a broad range of genres ◆ Recommend books to others ◆ Make comparisons within/across books ◆ Support inferences with evidence ◆ Summarising key points from texts ◆ Identify how language, structure, etc. Contribute to meaning ◆ Discuss use of language, including figurative ◆ Discuss and explain reading, providing reasoned justifications for views 	<ul style="list-style-type: none"> ◆ Use knowledge of morphology and etymology in spelling ◆ Develop legible, personal handwriting style ◆ Plan writing to suit audience and purpose; use models of writing ◆ Develop character and setting in narrative ◆ Select grammar and vocabulary for effect ◆ Use a wide range of cohesive devices ◆ Ensure grammatical consistency <p>Nelson handwriting is used to encourage a clear fluent handwriting style.</p>	<ul style="list-style-type: none"> ● Use appropriate register/style ● Use the passive voice for purpose ● Use features to convey and clarify meaning ● Use full punctuation ● Use language of subject/object <p>Speaking & Listening</p> <ul style="list-style-type: none"> ◆ Use questions to build knowledge ◆ Articulate arguments and opinions ◆ Use spoken language to speculate, hypothesise and explore ◆ Use appropriate register and language

Mathematics

Number/Calculation	Geometry & Measures	Fractions, Decimals and percentages
<ul style="list-style-type: none"> ◆ Secure place value and rounding to 10,000,000, including negatives ◆ All written methods, including long division ◆ Use order of operations (not indices) ◆ Identify factors, multiples and primes <p>Algebra</p> <ul style="list-style-type: none"> ● Introduce simple use of unknowns 	<ul style="list-style-type: none"> ● Confidently use a range of measures and conversions ● Calculate areas of triangles/parallelograms ● Use area and volume of formulas ● Classify shapes by properties ● Know and use angle rules ● Translate and reflect shapes, using all 4 quadrants ● Data ◆ Use pie charts ◆ Calculate mean averages 	<ul style="list-style-type: none"> ◆ Compare & simplify fractions ◆ Use equivalents to add fractions ◆ Multiply simple fractions ◆ Divide fractions by whole numbers ◆ Solve problems using decimals and percentages ◆ Use written division up to 2 DP ◆ Introduce ratio and proportion <p>Rising stars are used to regularly assess progress in all of these areas.</p>

Science (Curriculum taught over 2 Years) a practical SC1 approach.

Biology
<ul style="list-style-type: none"> ◆ Living things and their habitats. Life cycles. ◆ Describe changes in animals and humans. develop & mature. ◆ Living thing and their habitats (2). Characteristics of living things, classification and simple keys. ◆ Animals & Humans. Focus on Diet, exercise and healthy lifestyles. Blood, heart and circulation. ◆ Evolution & Inheritance. Variation and natural selection.

Chemistry
<ul style="list-style-type: none"> ◆ Classify materials according to a variety of properties ◆ Understand mixtures & solutions. ◆ Know about reversible changes; identify irreversible. <p>Physics</p> <ul style="list-style-type: none"> ◆ Understand location and interaction of Sun, Earth & Moon. Solar system.

<ul style="list-style-type: none"> ◆ What are Forces. Introduce gravity, resistance & mechanical forces ◆ Light sources, reflection, shadows, lenses, mixing light and sight. ◆ Electricity. Series & parallel circuits. Conductors, insulators, voltage and amps. Electricity safety
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