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|  | Autumn | Spring | Summer |
| Year 1 | Number- Number and place value  Number- addition and subtraction  Geometry – properties of shape | Number- addition and subtraction  Number- Number and place value  Measurement | Number – multiplication and division  Number - fractions  Geometry -position and direction  Number- Number and place value  Measurement |
| Year 2 | Number - number and place value  Number- addition and subtraction  Measurement  Number – multiplication and division | Number – multiplication and division  Statistics  Measurement  Geometry – properties of shape  Number - fractions | Geometry -position and direction  Number- addition and subtraction  Measurement |
| Year 3 | Number - number and place value  Number- addition and subtraction  Number - Multiplication and division | Number - Multiplication and division  Measurement  Statistics  Number - fractions | Number - fractions  Measurement  Geometry – properties of shape |
| Year 4 | Number - Number and place value  Number - Addition and subtraction  Measurement  Number - Multiplication and division | Number - Multiplication and division  Measurement  Number – fractions (including decimals) | Number – fractions (including decimals)  Measurement  Statistics  Geometry – properties of shape  Geometry -position and direction |
| Year 5 | Number - Number and place value  Number- addition and subtraction  Statistics  Number – multiplication and division  Measurement | Number – multiplication and division  Number – fractions (including decimals and percentages) | Number – fractions (including decimals and percentages)  Geometry – properties of shape  Geometry -position and direction  Measurement |
| Year 6 | Number - Number and place value  Number- addition, subtraction, multiplication and division  Number – fractions  Geometry - position and direction | Number – fractions (including decimals and percentages)  Algebra  Measurement  Ratio and proportion | Geometry – properties of shape  Number - Number and place value  Statistics |

Aims

The aims for our Maths curriculum are to ensure that pupils:

* Understand that Maths uses its own language of numbers, symbols and formulas to explore the rules that we need to measure, solve problems, identify quantities, time and amounts, find patterns and structure in our world, and generally understand the workings of our world and predict how it might change in different times or conditions.
* Know that studying maths helps us to make predictions.
* Understand that Maths continually grows and changes and that as mathematicians expand on their knowledge, new discoveries and theories develop.
* Develop their analytical, research and problem solving skills.
* Develop scientific, mechanical, coding, abstract problem solving, logic, planning and budgeting skills through Maths.
* Develop debating skills – our Maths curriculum reflects the importance of spoken language to develop mathematical vocabulary and the pupils’ ability to present mathematical justification, argument and proof.
* Are encouraged to follow lines of enquiry and be critical thinkers to be able to reason mathematically.

People with maths degrees can go into: [accounting](https://successatschool.org/careerzonesummary/17/Accountancy), [medicine](https://successatschool.org/careerzonesummary/23/Medicine-Healthcare), [engineering](https://successatschool.org/careerzonesummary/2/Engineering), forensic pathology, [finance](https://successatschool.org/careerzonesummary/19/Banking-Finance), business, consultancy, teaching, [IT](https://successatschool.org/careerzonesummary/28/IT-The-Internet), [games development](https://successatschool.org/advicedetails/738/game-jobs), scientific research, programming, the civil service, design, [construction](https://successatschool.org/careerzonesummary/30/Construction-Property), astrophysics, actuary, business analyst, software engineer, technology analyst, information engineer, speech technology researcher, and maths teacher.