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|  | Autumn  | Spring  | Summer  |
| Year 1 | Number- Number and place valueNumber- addition and subtractionGeometry – properties of shape | Number- addition and subtractionNumber- Number and place valueMeasurement | Number – multiplication and divisionNumber - fractionsGeometry -position and directionNumber- Number and place valueMeasurement |
| Year 2  | Number - number and place valueNumber- addition and subtractionMeasurementNumber – multiplication and division | Number – multiplication and divisionStatisticsMeasurementGeometry – properties of shapeNumber - fractions | Geometry -position and directionNumber- addition and subtractionMeasurement |
| Year 3 | Number - number and place valueNumber- addition and subtractionNumber - Multiplication and division | Number - Multiplication and divisionMeasurementStatisticsNumber - fractions | Number - fractions MeasurementGeometry – properties of shape |
| Year 4 | Number - Number and place valueNumber - Addition and subtractionMeasurementNumber - Multiplication and division | Number - Multiplication and divisionMeasurementNumber – fractions (including decimals) | Number – fractions (including decimals)MeasurementStatisticsGeometry – properties of shapeGeometry -position and direction |
| Year 5 | Number - Number and place valueNumber- addition and subtractionStatisticsNumber – multiplication and divisionMeasurement | Number – multiplication and divisionNumber – fractions (including decimals and percentages) | Number – fractions (including decimals and percentages)Geometry – properties of shapeGeometry -position and directionMeasurement |
| Year 6 | Number - Number and place valueNumber- addition, subtraction, multiplication and divisionNumber – fractionsGeometry - position and direction | Number – fractions (including decimals and percentages)AlgebraMeasurementRatio and proportion | Geometry – properties of shapeNumber - Number and place valueStatistics |

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.