



Our Mathematics curriculum aims to ensure all pupils:

- Our Maths curriculum aims to ensure that all pupils:
- Become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- Reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- Can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.



	Autumn 1		Autumn 2
Introduction to Maths at Garden Suburb Junior School Week 1	<ul style="list-style-type: none"> To represent numbers to 100 To partition numbers to 100 To use a number line to 100 To recognise hundreds To represent numbers to 1000 To partition numbers to 1000 To recognise hundreds, tens and ones To find 1, 10 or 100 more or less To use a number to 1000 To estimate on a number line to 1000 	Unit 3 Weeks 1-4 Multiplication and Division Unit A	<ul style="list-style-type: none"> To recognise equal groups To use arrays To recognise multiples of 2 To recognise multiples of 5 and 10 To share and group To multiply by 3 To divide by 3 To practice the 3 times tables To multiply by 4 To divide by 4 To practice the 4 times tables To multiply by 8 To divide by 8 To practice the 8 times tables To practice the 2,4, and 8 times tables To familiarise ourselves with TT Rockstars To assess our prior knowledge To recognise multiples of 10 To recognise related calculations To reason about multiplication To multiply a 2-digit number by a 1-digit number – no exchange To multiply a 2-digit number by a 1-digit number – with exchange To link multiplication and division To divide a 2-digit number by a 1-digit number – no exchange To divide a 2-digit number by a 1-digit number – flexible partitioning To divide a 2-digit number by a 1-digit number – with remainders To scale To find alternate ways to multiply and divide
Unit 1 Weeks 2-4 Place Value	<ul style="list-style-type: none"> To order numbers to 1000 To apply number bonds within 10 To add and subtract 1s To add and subtract 10s To add and subtract 100s To spot the pattern To add 1s across a 10 To add 10s across 100 To subtract 1s across a 10 To subtract 10s across 100 To make connections To add two numbers (no exchange) To subtract two numbers (no exchange) To add two numbers (across a 10) To add two numbers (across a 100) To subtract two numbers (across a 10) To subtract two numbers (across a 100) To add 2-digit and 3-digit numbers To subtract a 2-digit number from a 3-digit number complements to 100 To estimate answers To use the inverse To make decisions 	Week 5 End of term assessments	
Unit 2 Weeks 5-8 Addition and Subtraction		Unit 4 Week 6-7 Multiplication and Division Unit B	



	Spring 1		Spring 2
Unit 5 Week 1-2 Length and Perimeter	<ul style="list-style-type: none"> To measure in metres and centimetres To measure in millimetres To measure in centimetres and millimetres To measure in metres, centimetres and millimetres To use equivalent lengths To compare lengths To add lengths To subtract lengths To discuss what perimeter is To measure perimeters To calculate perimeters To use scales To measure mass in grams To measure mass in kilograms and grams To compare mass To add and subtract mass To measure capacity and volume in millilitres To measure capacity and volume in litres and millilitres to use equivalent capacities and volumes To compare capacity and volume To add and subtract capacity and volume 	Unit 7 Week 1-4 Fractions Unit A and B	<ul style="list-style-type: none"> To understand the denominators of unit fractions To compare and order unit fractions To understand the numerators of non-unit fractions To understand the whole To compare and order non-unit fractions To understand the whole To compare and order non-unit fractions To use fractions and scales To order fractions on a number line To count in fractions on a number line To use equivalent fractions on a number line To represent equivalent fractions as bar models To add fractions To subtract fractions To partition the whole To represent fractions as a set of objects To represent non-unit fractions To reason with fractions of an amount To consolidate our understanding
Unit 6 Week 3-6 Mass and Capacity Order scales		Spring Term assessments Week 5	



	Summer 1		Summer 2
Unit 8 Weeks 1-2 Money	<ul style="list-style-type: none"> • To recognise pounds and pence • To convert pounds and pence • To add money • To subtract money • To find change 	Unit 10 Weeks 1-4 Shape	<ul style="list-style-type: none"> • To recognise turns and angles • To recognise right angles • To compare angles • To measure and draw accurately • To recognise horizontal and vertical lines
Unit 9 Weeks 3-5 Time	<ul style="list-style-type: none"> • To recognise roman numerals to 12 • To tell the time to 5 minutes • To tell the time to the minute • To read time on a digital clock • To use am and pm • To know the years, months and days 	Unit 11 Weeks 5-6 Statistics	<ul style="list-style-type: none"> • To recognise parallel and perpendicular lines • To recognise and describe 2-D shapes • To draw polygons • To recognise and describe 3-D shapes • To make 3-D shapes
Week 6 Consolidation	<ul style="list-style-type: none"> • To use days and hours • To use start and end times in hours and minutes • To calculate durations in hours and minutes • To use minutes and seconds • To use different units of time • To solve problems with time 	Week 7 Assessments	<ul style="list-style-type: none"> • To interpret pictograms • To draw pictograms • To interpret bar charts • To draw bar charts • To collect and represent data • To interpret two-way tables • To consolidate our understanding