

Garden Suburb Junior School

Maths Curriculum Overview 2020-2021

Year Group: 3



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	
Week 1:	<ul style="list-style-type: none"> • Times tables • TT Rockstars introduction 	Week 1: Number – Addition and Subtraction	<ul style="list-style-type: none"> • Subtract a 3-digit number from a 3-digit number with no exchange • Subtract a 3-digit number from a 3-digit number with exchange • Estimate and check answers to questions • Mini assessment
Week 2: Number – Place Value	<ul style="list-style-type: none"> • Represent numbers to 100 • Tens and ones using addition • Hundreds • Numbers to 1000 • Numbers to 1000 on place value 	Week 2: Number – Multiplication and Division	<ul style="list-style-type: none"> • Multiplication – equal groups • Multiplication – using the symbol • Using arrays • 2 times tables • 5 times tables
Week 3: Number – Place Value	<ul style="list-style-type: none"> • 100s, 10s and 1s • Number line to 100 • Number line to 1000 • Find 1, 10 and 100 more and less 	Week 3: Number – Multiplication and Division	<ul style="list-style-type: none"> • Making equal groups - sharing • Making equal groups – grouping • Divide by 2 • Divide by 5 • Divide by 10
Week 4: Number – Place Value	<ul style="list-style-type: none"> • Compare objects • Compare numbers • Ordering numbers • Counting in 50s • Mini assessment 	Week 4: Number – Multiplication and Division	<ul style="list-style-type: none"> • Multiply by 3 • Divide by 3 • 3 times table • Multiply by 4 • Divide by 4
Week 5: Number – Addition and Subtraction	<ul style="list-style-type: none"> • Add and subtract multiples of 100 • Add and subtract 1s • Add and subtract 3-digit and 1-digit numbers not crossing the 10 boundary • Add 2-digit and 1-digit crossing 10 boundary • Adding 3-digit and 1-digit crossing 10 boundary 	Week 5: Number – Multiplication and Division	<ul style="list-style-type: none"> • Multiply by 8 • Divide by 8 • The 8 times tables

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<p>Week 6: Number – Addition and Subtraction</p>	<ul style="list-style-type: none"> • Subtracting 1-digit from 2-digit crossing 10 • Subtracting 1-digit from 3-digit crossing 10 • Add and subtract 3-digit and 2-digit numbers not crossing 100 • Add 3-digit and 2-digit numbers crossing 100 • Subtracting 2-digit from 3-digit numbers crossing 100 	<p>Week 6:</p>	<p>Revision and consolidation week</p>
<p>Week 7: Number – Addition and Subtraction</p>	<ul style="list-style-type: none"> • Add and subtract 100s • Spot the pattern • Add 2-digit numbers – crossing 10- add ones and tens • Subtract a 2-digit number from a 2-digit number – crossing 10- subtract ones and subtract 10s • Mixed addition and subtraction problems 	<p>Week 7:</p>	<p>Revision and consolidation week</p>
<p>Week 8: Number – Addition and Subtraction</p>	<ul style="list-style-type: none"> • Add and subtract 2-digit and 3-digit numbers – not crossing 10 or 100 boundaries • Add 2-digit and 3-digit numbers – cross 10 and 100 • Subtracting a 2-digit from a 3-digit number – cross 10 and 100 • Add 2 3-digit numbers – not crossing 10 or 100 • Add 2 3-digit numbers – crossing 10 and 100 		

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Spring 1		Spring 2	
Week 1: Number – multiplication and division	<ul style="list-style-type: none"> • Comparing statements • Related calculations • Multiply 2-digits by 1-digit (1) • Multiply 2-digits by 1-digit (2) 	Week 1: Measurement – Length and perimeter	<ul style="list-style-type: none"> • Measure length • Equivalent lengths m & cm • Equivalent lengths mm & cm
Week 2: Number – multiplication and division	<ul style="list-style-type: none"> • Divide 2-digits by 1-digit (1) • Divide 2-digits by 1-digit (2) • Divide 2-digits by 1-digit (3) 	Week 2: Measurement – Length and perimeter	<ul style="list-style-type: none"> • Compare lengths • Add lengths • Subtract lengths
Week 3: Number – multiplication and division	<ul style="list-style-type: none"> • Scaling • How many ways? • Mini assessment 	Week 3: Measurement – Length and perimeter	<ul style="list-style-type: none"> • Measure perimeter • Calculate perimeter • Mini assessment
Week 4: Measurement – Money	<ul style="list-style-type: none"> • Pounds and pence • Converting pounds and pence • Add money • Subtract money • Give change • Mini assessment 	Week 4: Fractions	<ul style="list-style-type: none"> • Unit and non-unit fractions • Making a whole • Tenths • Count in tenths • Tenths as decimals
Week 5: Statistics	<ul style="list-style-type: none"> • Pictograms • Bar charts • Tables 	Week 5: Fractions	<ul style="list-style-type: none"> • Fractions on number line • Fractions of set objects • Mini assessment
Week 6: Statistics	<ul style="list-style-type: none"> • Pictograms • Bar charts • Tables • Mini assessment 	Week 6:	Revision and consolidation week

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Summer 1		Summer 2	
Week 1: Fractions	<ul style="list-style-type: none"> • Equivalent fractions 	Week 1: Geometry – properties of shape	<ul style="list-style-type: none"> • Turns and angles • Right angles in 2D shapes • Compare angles • Draw accurately • Horizontal and vertical • Parallel and perpendicular
Week 2: Fractions	<ul style="list-style-type: none"> • Compare fractions • Order fractions 	Week 2: Geometry – properties of shape	<ul style="list-style-type: none"> • Recognise and describe 2D shapes • Recognise and describe 3D shapes • Make 3D shapes
Week 3: Fractions	<ul style="list-style-type: none"> • Add fractions • Subtract fractions • Mini assessment 	Week 3: Measurement – Mass and Capacity	<ul style="list-style-type: none"> • Measure mass (1) • Measure mass (2) • Compare mass
Week 4: Measurement – Time	<ul style="list-style-type: none"> • Months and years • Hours in a day • Telling the time to 5 minutes • Telling the time to the minute 	Week 4: Measurement – Mass and Capacity	<ul style="list-style-type: none"> • Add and subtract mass • Measure capacity (1) • Measure capacity (2)
Week 5: Measurement – Time	<ul style="list-style-type: none"> • Using a.m. and p.m. • 24-hour clock 	Week 5: Measurement – Mass and Capacity	<ul style="list-style-type: none"> • Compare capacity • Add capacity • Subtract capacity
Week 6: Measurement - Time	<ul style="list-style-type: none"> • Finding and comparing durations • Start and end times • Measuring time in seconds • Mini assessment 	Week 6:	Revision and consolidation week
		Week 7:	Revision and consolidation week

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