Lingfield Education Trust
Maths Medium-Term Plan: Year 1
Autumn Term

	Place Value (10)	Addition & Subtraction (10)	Assessment	Measures
	5 weeks	6 weeks	1 week	3 weeks
National Curriculum	• Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least • Count to and across 100, forwards and backwards, beginning with zero or 1, or from any given number • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least • Compare numbers using and = signs • Read and write numbers from 1 to 20 in numerals and words	• Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer) • Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • Represent and use number bonds and related subtraction facts within 20 • Add and subtract 1-digit and 2-digit numbers to 20, including zero	• Monday: arithmetic paper • Tuesday: reasoning paper • Wednesday: fluency checks • Thursday: unpick arithmetic paper • Friday: unpick reasoning paper	• Compare, describe and solve practical problems for: lengths and height; mass/weight; capacity and volume; time • Measure and begin to record the following: lengths and heights; mass/weight; capacity and volume; time • Compare, describe and solve practical problems for: lengths and heights; mass/weight; capacity and volume; time • Measure and begin to record the following: lengths and heights; mass/weights; capacity and volume; time
Small Steps	• Count objects • Count objects from a larger group • Represent objects • Recognize numbers as words • Count on from any number • Manipulative Introduction Lesson: tens frame • Represent 6 – 10 as five and a bit • Partition numbers 6 - 10 using five and a bit structure • Partition numbers 6 - 10 in different ways using part-whole model • Representation Introduction Lesson: bar model • Partition numbers 6 - 10 in different ways using bar model • Partition numbers 6 - 10 systematically using part-whole model • Partition numbers to 6 - 10 systematically using bar model • Bar model missing wholes to 10 • Bar model missing parts to 10 • One more • Count backwards within 10 • One less • Compare groups by matching • Fewer, more, same • Less than, greater than, equal to • Compare numbers • Order objects and numbers • Assessment • Pause & stretch	• Addends, Sums & Equations • Adding 1 • Subtracting 1 • Adding 2 to odd and even • Subtracting 2 from odd and even • Adding 0 and adding to 0 • Subtracting zero • Doubles to 10 • Doubles to 10 • Near doubles to 10 • Near doubles to 10 • Halves to 10 • Halves to 10 • 7 Tree • 9 Square • 5, 3 and 8 • Practice Lesson: addition facts within 10 • Practice Lesson: subtraction facts within 10 • Practice Lesson: mixed facts within 10 • Explore inverse relationships • Explore inverse relationships • Fact families within 10 (all 8 for each) • Fact families within 10 (all 8 for each) • Missing number equations within 10 • Missing number equations within 10 • Assessment • Pause & Stretch • PS Skills Lesson: trial & Improvement		• Compare lengths & heights • measure length using objects • Measure length in cm • Heavier & lighter • Measure mass • Compare mass • Full and empty • Compare capacity • Measure capacity • PS Lesson: measures (more than one possibility) • Assessment • Pause & Stretch • PS Skills Lesson: finding starting points

Lingfield Education Trust
Maths Medium-Term Plan: Year 1
Spring Term

	Place Value (20)	Properties of Shape	Addition & Subtraction (20)	Place Value (50)	Assessment	Multiplication & Division
	2 weeks	1 week	4 weeks	3 weeks	1 week	2 weeks
National Curriculum	• Count to and across 100, forwards and backwards, beginning with zero or 1, or from any given number • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least • Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s • Read & write numbers from 1 to 20 in numerals & words • Given a number, identify 1 more and 1 less •	• Recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles]; 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]	• Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • Add and subtract 1-digit and 2-digit numbers to 20, including zero • Represent and use number bonds and related subtraction facts within 20 • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9	• Count to and across 100, forwards and backwards, beginning with zero or 1, or from any given number • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least • Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s • Given a number, identify 1 more and 1 less	• Monday: arithmetic paper • Tuesday: reasoning paper • Wednesday: fluency checks • Thursday: unpick arithmetic paper • Friday: unpick reasoning paper	• Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s • Solve one-step problems involving multiplication and division by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher
Small Steps	• Understand 11, 12, 13, 14 • Understand 15, 16, 17, 18, 19 • Understand 20 • One more within 20 • One less within 20 • Number lines to 20 - estimating • Compare numbers to 20 • Order numbers to 20 • Assessment, Pause & Stretch • PS Skills Lesson: working systematically	• Recognize and name 2d including patterns with • Sort 2d • Recognize and name 3d including patterns with • Sort 3d • Assessment, Pause & Stretch	• Ten and a bit addition • A bit and ten addition • Practice Lesson: ten and a bit / a bit and ten mixed addition • Ten and a bit subtraction (the bit) • Ten and a bit subtraction (the ten) • Practice Lesson: ten and a bit (bit/10) mixed subtraction • Using addition within 10 facts within 20 • Using addition within 10 facts within 20 • Using subtraction within 10 facts within 20 • Using subtraction within 10 facts within 20 • Practice Lesson: using facts within 10 to 20 mixed • Using addition to 10 for facts to 20 • Using addition to 10 for facts to 20 • Using subtraction to 10 facts to 20 • Using subtraction to 10 facts to 20 • Explore inverses • Missing number equations • PS Lesson: addition and subtraction facts to 20 (more than one possibility) • Assessment • Pause & Stretch	• Manipulative Introduction Lesson: Base 10 • Count from 20 to 50 • 20, 30, 40 and 50 • Count by making groups of 10 • Groups of tens and ones • Partition into tens and ones • Compare numbers to 50 • Order numbers to 50 • Estimate on a number line to 50 • 1 more, 1 less • PS Lesson: place value to 50 (real-life word) • Assessment, Pause & Stretch • PS Skills Lesson: working collaboratively		• Count in 2s • Make arrays of 2s and link to doubles – record as repeated addition and x • Count in 10s • Make arrays of 10s – record as repeated addition and multiplication • Count in 5s • Make arrays of 5 – record as repeated addition and multiplication • Division by sharing • Division by grouping concrete • PS Lesson: multiplication & division (rules and patterns) • Assessment, Pause & Stretch • PS Skills Lesson: finding starting points

Lingfield Education Trust
Maths Medium-Term Plan: Year 1
Summer Term

	Fractions	Position & Direction	Place Value (100)	Money	Assessment	Time	Summer Springboard
	2 weeks	1 week	2 weeks	2 weeks	1 week	2 weeks	1 week
National Curriculum	• Recognise, find and name a half as one of two equal parts of an object, shape or quantity • Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	• Describe position, direction and movement, including whole, half, quarter and three-quarter turns • Use the language of position, direction and motion, including: left and right, top, middle and bottom, on top of, in front of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside (non-statutory guidance) • Practise counting (1, 2, 3…), ordering (for example, 1st, 2nd, 3rd …) (non-statutory guidance)	• Count to and across 100, forwards and backwards, beginning with zero or 1, or from any given number • Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	• Recognise and know the value of different denominations of coins and notes • Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s	• Monday: arithmetic paper • Tuesday: reasoning paper • Wednesday: fluency checks • Thursday: unpick arithmetic paper • Friday: unpick reasoning paper	• Sequence events in chronological order using language (for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening) • Recognise and use language relating to dates, including days of the week, weeks, months and years • Compare, describe and solve practical problems for time • Measure and begin to record time (hours, minutes, seconds) • Tell the time to the hour and half past the hour and draw the hands on a clockface to show these times	• Revisit key place value, operations and fractions skills before summer break
Small Steps	• Recognize half of a shape/object • Find half of a shape/object • Find half of a quantity by linking to shapes above • Recognize quarter of a shape/object • Find quarter of a shape/object • Find quarter of a quantity by linking to shapes above • PS Lesson: fractions (visual) • Assessment • Pause & Stretch	• Turns – left and right • Forwards and backwards • Above and below • Ordinal numbers • PS Lesson: movement (logic) • Assessment, Pause & Stretch	• Count from 50 to 100 • Partition into tens and ones to 100 • One more, one less to 100 • Compare any number to 100 • Order numbers to 100 • Estimate on a number line to 100 • PS Lesson: compare any number to 100 (real-life word) • Assessment • Pause & Stretch • PS Skills Lesson: visualising	• Recognize coins • Recognize notes • Count in coins • PS: coins (visual) • Assessment, Pause & Stretch		• Before and after • Days of the week • Months of the year • Hours, minutes and seconds – • Tell the time to o'clock • Tell the time to half past • PS Lesson: O'clock and half-past (visual) • Assessment • Pause & Stretch • PS Skills Lesson: conjecture & generalising	