Rising Stars Mathematics
Year 3

Medium-term Plans

These medium-term plans give a complete at-a-glance overview of the structure of *Rising Stars Mathematics* for Year 3, which is a key resource we use at Heron Hill. We also use resources from other high-quality sources, including *White Rose* and *Ready to Progress* for curriculum prioritization to address gaps in learning as a result of the pandemic.

These medium-term plans give a complete at-a-glance overview of the structure of *Rising Stars Mathematics* for Year 3 detailing the order of teaching, key resources and a suggestion of what could be covered each week. The term 'week' is used flexibly. Depending on the class, coverage may take a little less or a little more than a week. If teachers are confident that children have mastered a concept, then it is acceptable to move on quickly, just as it is important to allow children to spend longer on a topic if necessary to ensure they have fully mastered it before moving on.

Throughout the medium-term plans, the 'And finally' review pages are included at the end of each unit. However, it can be appropriate to use these pages throughout the unit by running the tasks after the relevant concepts.

It is important to remember that the length of a half-term will vary. If the half-term is short, teachers can choose to move a unit into the next term. If a half-term is long, teachers can choose to move a unit back into the preceding term. It is best practice to avoid splitting units between two half-terms, unless the content in each concept is very distinct.

Autumn 1

Rising Stars Mathematics							National Curriculum	
Week	Strand	Weekly summary	Textbook topics and page numbers	Teacher's Guide	Practice Book	Interactives and videos	Domain	Statement
1	Number Sense	Count in tens and hundreds.	1 *All about numbers*, p.10–11 1a *Tens and hundreds*, p.12–13	p.24–27 Homework: *Measuring in centimetres and converting to millimetres* and *Finding possibilities using £1, 10p and 1p coins*, p.178	p.4–6	CPD: *Number Sense - Introduction*, *The Learning Journey, Key Ideas 1* and *Next Steps*	Number - number and place value Measurement	• count from 0 in multiples of 100; find 10 or 100 more or less than a given number • solve number problems and practical problems involving these ideas • measure, compare, add and subtract: lengths (m/cm/mm) • add and subtract amounts of money to give change, using both £ and p in practical contexts

2	Number Sense	Explore place value and compare and order numbers with 3 digits.	1b *Hundreds, tens and ones*, p.14–15	p.28–29 Homework: *Hundreds, tens and ones* and *Combining hundreds, tens and ones*, p.179	p.7–9	CPD: *Number Sense - Key Ideas 2*	Number - number and place value Measurement	• recognise the place value of each digit in a 3-digit number (100s, 10s, 1s) • compare and order numbers up to 1,000 • measure, compare, add and subtract: mass (kg/g)
3	Number Sense	Explore place value and compare and order numbers with 3 digits.	1c *Comparing and ordering numbers*, p.16–17	p.30–31 Homework: *Comparing volumes* and *Inequality signs*, p.180	p.10–12		Number - number and place value Measurement	• recognise the place value of each digit in a 3-digit number (100s, 10s, 1s) • compare and order numbers up to 1,000 • measure, compare, add and subtract: mass (kg/g), volume (l/ml)
4	Number Sense	Represent numbers in a variety of ways.	1d *Representing numbers*, p.18–19 *Pick!*, p.20–21 *And finally ...*, p.22–23	p.32–37 Homework: *Numbers used when measuring* and *Ways to represent numbers*, p.181	p.13–17		Number - number and place value Measurement	• identify, represent and estimate numbers using different representations • measure, compare, add and subtract: mass (kg/g), volume/capacity (l/ml)
5	Additive Reasoning	Use mental strategies to add and subtract numbers with 2 digits.	2 *Mental and written calculation*, p.24–25 2a *Mental calculation strategies*, p.26–27 *Fish for sums and differences*, p.30–31 Game 1	p.38–41, p.44–45 Homework: *Adding near multiples of 10* and *Reducing prices by 39p using adjustment*, p.182	p.18–21	CPD: *Additive Reasoning - Introduction*, *The Learning Journey, Key Ideas 1* and *Next Steps*	Number - addition and subtraction Measurement	• add and subtract numbers mentally, including: – a 3-digit number and 1s – a 3-digit number and 10s – a 3-digit number and 100s • add and subtract numbers with up to 3 digits • solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction • measure, compare, add and subtract: lengths (m/cm) • add and subtract amounts of money to give change, using both £ and p in practical contexts
6	Additive Reasoning	Use partitioning and column methods to add and subtract	2b *Developing written methods*, p.28–29	p.42–47 Homework: *Adding using written methods* and	p.22–24		Number - addition and subtraction Measurement	• add and subtract numbers with up to 3 digits using formal written methods • measure, compare, add and subtract: lengths (m/cm) • add and subtract amounts of money to give

		numbers with 3 digits.	*Fish for sums and differences*, p.30–31 Game 2 *And finally ...*, p.32–33	*Subtracting 3-digit numbers*, p.183				change, using both £ and p in practical contexts
					Rising Stars Mathematics Half-Termly Test Year 3 Autumn 1			

Rising Stars Mathematics
Year 3

Medium-term Plans

Autumn 2

Rising Stars Mathematics							National Curriculum	
Week	Strand	Weekly summary	Textbook topics and page numbers	Teacher's Guide	Practice Book	Interactives and videos	Domain	Statement
7	Multiplicative Reasoning	Use the 2, 4, and 8 times tables.	3 *Ways to multiply and divide*, p.34–35 3a *2s, 4s and 8s*, p.36–37 *Double trouble!*, p.42–43 Game 2	p.48–51, p.56–57 Homework: *Adding 2p, 4p and 8p to create totals* and *Showing information on a pictogram*, p.184	p.25–28	Animation: *Exploring multiplication* CPD: *Multiplicative Reasoning - Introduction*, *The Learning Journey*, *Key Ideas 1*, *Key Ideas 2* and *Next Steps*	Number - multiplication and division Measurement Statistics	• recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables • write and calculate mathematical statements for multiplication and division using the multiplication tables that they know • measure, compare, add and subtract: lengths (m/cm) • interpret and present data using bar charts, pictograms and tables
8	Multiplicative Reasoning	Understand that multiplications can be performed in any order.	3b *Commutativity*, p.38–39 *Double trouble!*, p.42–43 Game 1	p.52–53, p.56–57 Homework: *Finding arrays at home* and *Drawing arrays for multiplication facts*, p.185	p.29–32	Animation: *Exploring multiplication*	Number - multiplication and division Measurement	• recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables • write and calculate mathematical statements for multiplication and division using the multiplication tables that they know • add and subtract amounts of money to give change, using both £ and p in practical contexts

9	Multiplicative Reasoning	Solve problems involving sharing objects between people.	3c *Sharing and possibilities*, p.40–41 *And finally ...*, p.44–45	p.54–55, p.58–59 Homework: *School pudding combinations* and *Sharing items fairly*, p.186	p.33–35	Animation: *Exploring multiplication* CPD: *Multiplicative Reasoning - Key Ideas 3*	Number - multiplication and division Measurement	• write and calculate mathematical statements for multiplication and division using the multiplication tables that they know • solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which *n* objects are connected to *m* objects • add and subtract amounts of money to give change, using both £ and p in practical contexts
10	Geometric Reasoning	Make and describe 3-D shapes.	4 *Angles and shapes*, p.46–47 4a *Making and describing 3-D shapes*, p.48–49 *Angles win points!*, p.52–53 Game 1	p.60–63, p.66–67 Homework: *Investigating cuboids* and *Searching for 3-D shapes*, p.187	p.36–39	Animation: *3-D shapes* Interactive: *3-D shapes* Interactive: *2-D shapes* CPD: *Geometric Reasoning - Introduction, The Learning Journey, Key Ideas 1* and *Next Steps*	Geometry - properties of shapes	• draw 2-D shapes, and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them
11	Geometric Reasoning	Identify different types of angles.	4b *Angles*, p.50–51 *Angles win points!*, p.52–53 Game 2 *And finally ...*, p.54–55	p.64–69 Homework: *Identifying angles* and *Making 2-D shapes*, p.188	p.40–41	Animation: *Right angles* CPD: *Geometric Reasoning - Key Ideas 2*	Geometry - properties of shapes	• recognise angles as a property of shape or a description of a turn • identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle

| 12 | Number Sense | Count in steps of different sizes. | 5 *Number - number and place value*, p.56–57 5a *Counting in steps of different sizes*, p.58–59 | p.70–73 Homework: *Counting in fours and eights* and *Counting in steps of 50*, p.189 | p.42–45 | CPD: *Number Sense - Key Ideas 1* | Number - number and place value

Measurement

Statistics | • count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
• identify, represent and estimate numbers using different representations
• solve number problems and practical problems involving these ideas
• measure, compare, add and subtract: mass (kg/g)
• add and subtract amounts of money to give change, using both £ and p in practical contexts
• estimate and read time with increasing accuracy to the nearest minute
• interpret and present data using bar charts, pictograms and tables |
| **Rising Stars Mathematics Half-Termly Test Year 3 Autumn 2** |||||||||

Rising Stars Mathematics
Year 3

Medium-term Plans

Spring 1

Rising Stars Mathematics						National Curriculum	
Week	Strand	Weekly summary	Textbook topics and page numbers	Teacher's Guide	Practice Book	Interactives and videos	Domain	Statement
13	Number Sense	Write and compare 3-digit numbers.	5b *Writing and comparing numbers*, p.60–61 *Digit decisions!*, p.64–65	p.74–75, p.78–79 Homework: *Making 3-digit numbers with hundreds, tens and ones* and *Comparing and ordering numbers*, p.190	p.46–49	CPD: *Number Sense - Key Ideas 1, Key Ideas 2* and *Next Steps*	Number - number and place value Measurement	• compare and order numbers up to 1,000 • identify, represent and estimate numbers using different representations • solve number problems and practical problems involving these ideas • measure, compare, add and subtract: mass (kg/g)
14	Number Sense	Calculate and count in tenths.	5c *Tenths*, p.62–63 *And finally ...*, p.66–67	p.76–77, p.80–81 Homework: *Counting forwards and backwards in tenths* and *Adding tenths to make 1 whole*, p.191	p.50–52	Interactive: *Fraction and decimal wall* CPD: *Number Sense - Key Ideas 3*	Number - fractions Measurement	• count up and down in tenths, recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 • add and subtract amounts of money to give change, using both £ and p in practical contexts

15	Additive Reasoning	Add 3-digit numbers.	6 *Addition and subtraction*, p.68–69 6a *Adding 3-digit numbers*, p.70–71 *Golden treasure!*, p.74–75	p.82–85, p.88–89 Homework: *Adding multiples of 100* and *Adding 3-digit numbers*, p.192	p.53–55	CPD: *Additive Reasoning - Key Ideas 1, Key Ideas 2* and *Next Steps*	Number - addition and subtraction Measurement	• add and subtract numbers mentally, including: – a three-digit number and 100s • add and subtract numbers with up to 3 digits • estimate the answer to a calculation • solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction • add and subtract amounts of money to give change, using both £ and p in practical contexts • estimate and read time with increasing accuracy to the nearest minute • tell and write the time from an analogue clock, including using Roman numerals from I to XII
16	Additive Reasoning	Subtract 3-digit numbers.	6b *Subtracting 3-digit numbers*, p.72–73 *Golden treasure!*, p.74–75 *And finally ...*, p.76–77	p.86–91 Homework: *Investigating differences* and *Compare mass by finding differences*, p.193	p.56–58		Number - addition and subtraction Measurement Statistics	• add and subtract numbers mentally, including: – a three-digit number and 100s • add and subtract numbers with up to 3 digits • estimate the answer to a calculation and use inverse operations to check answers • solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction • measure, compare, add and subtract: lengths (m/cm) • solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables

17	Number Sense	Represent large numbers and fractions in different ways.	7 *Writing and using fractions*, p.78–79 7a *Showing numbers in different ways*, p.80–81	p.92–95 Homework: *Adding multiples of 10* and *Add and subtract hundreds, tens and ones*, p.194	p.59–61	Interactive: *Fraction and decimal wall*	Number - number and place value Number - fractions Measurement	• identify, represent and estimate numbers using different representations • count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 • recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators • add and subtract amounts of money to give change, using both £ and p in practical contexts
18	Number Sense	Use unit and non-unit fractions.	7b *Unit and non-unit fractions*, p.82–83	p.96–97 Homework: *Comparing unit and non-unit fractions* and *Shading fractions of a rectangle*, p.195	p.62–64	Interactive: *Fraction and decimal wall*	Number - fractions Measurement	• recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators • recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators • compare and order unit fractions, and fractions with the same denominator • measure, compare, add and subtract: lengths (m/cm), volume (l/ml)
Rising Stars Mathematics Half-Termly Test Year 3 Spring 1								

Rising Stars Mathematics
Year 3

Medium-term Plans

Spring 2

Rising Stars Mathematics							National Curriculum	
Week	Strand	Weekly summary	Textbook topics and page numbers	Teacher's Guide	Practice Book	Interactives and videos	Domain	Statement
19	Number Sense	Add and subtract fractions.	7c *Adding and subtracting fractions*, p.84–85 *In a spin!*, p.86–87 *And finally ...*, p.88–89	p.98–103 Homework: *Fraction puzzle* and *Adding tenths to make 1 whole*, p.196	p.65–67	Interactive: *Fraction and decimal wall*	Number - fractions Measurement	• add and subtract fractions with the same denominator within one whole [for example, 5⁄7 + 1⁄7 = 6⁄7] • solve problems that involve all of the above • know the number of seconds in a minute
20	Multiplicative Reasoning	Use multiplication tables and explore doubling and halving.	8 *Using multiplication and division facts*, p.90–91 8a *Multiplication tables*, p.92–93	p.104–107 Homework: *Halving prices* and *Making cookies*, p.197	p.68–71	Animation: *Exploring multiplication* CPD: *Multiplicative Reasoning - Key Ideas 1, Key Ideas 2* and *Next Steps*	Number - multiplication and division Measurement Statistics	• recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables • write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers • measure, compare, add and subtract: mass (kg/g) • interpret and present data using bar charts, pictograms and tables
21	Multiplicative Reasoning	Multiply and divide by 5 and 20.	8b *Multiplying and dividing by 5 and 20*, p.94–95 *High fives!*, p.98–99 Game 1	p.108–109, p.112–113 Homework: *Ways to multiply by 5 and 20* and *Multiplying by 10 and 100*, p.198	p.72–74	Animation: *Exploring multiplication* CPD: *Multiplicative Reasoning - Key Ideas 3*	Number - multiplication and division Measurement	• write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers • add and subtract amounts of money to give change, using both £ and p in practical contexts

22	Multiplicative Reasoning	Use scaling and solve missing number problems involving multiplication and division.	8c *Missing number problems and scaling*, p.96–97 *High fives!*, p.98–99 Game 2 *And finally ...*, p.100–101	p.110–115 Homework: *Scaling up and down* and *Missing numbers*, p.199	p.75–77	Animation: *Exploring multiplication* CPD: *Multiplicative Reasoning - Key Ideas 3*	Number - multiplication and division Measurement	• solve problems, including missing number problems, involving multiplication and division including positive integer scaling problems and correspondence problems in which *n* objects are connected to *m* objects • measure, compare, add and subtract: length (m/cm)
23	Geometric Reasoning	Identify different types of lines.	9 *Exploring lines and turns*, p.102–103 9a *Lines*, p.104–105 *Lines and turns*, p.108–109 Game 1	p.116–119, p.122–123 Homework: *Straight lines around us* and *Types of straight lines*, p.200	p.78–80	CPD: *Geometric Reasoning - Key Ideas 2* and *Next Steps*	Geometry - properties of shapes	• identify horizontal and vertical lines and pairs of perpendicular and parallel lines
24	Geometric Reasoning	Describe turns using clockwise and anticlockwise.	9b *Turning*, p.106–107 *Lines and turns*, p.108–109 Game 2 *And finally ...*, p.110–111	p.120–125 Homework: *Turning an image* and *Using turning vocabulary*, p.201	p.81–83	Animation: *Right angles* CPD: *Geometric Reasoning - Key Ideas 1, Key ideas 2*	Geometry - properties of shapes	• recognise angles as a property of shape or a description of a turn • identify right angles, recognise that 2 right angles make a half-turn, 3 make three quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle
Rising Stars Mathematics Half-Termly Test Year 3 Spring 2								

Rising Stars Mathematics
Year 3

Medium-term Plans

Summer 1

Rising Stars Mathematics							National Curriculum	
Week	Strand	Weekly summary	Textbook topics and page numbers	Teacher's Guide	Practice Book	Interactives and videos	Domain	Statement
25	Number Sense	Write numbers in numerals and words, and write and estimate times.	10 *Using number and place value*, p.112–113 10a *Reading and writing numbers*, p.114–115 *Time travel*, p.118–119	p.126–129, p.132–133 Homework: *Writing 3-digit numbers in words* and *Digital and analogue times*, p.202	p.84–87	Animation: *Using an analogue clock* Interactive: *Clock* Interactive: *Timer* CPD: *Number Sense - Key Ideas 1, Key Ideas 2* and *Next Steps*	Number - number and place value Measurement	• read and write numbers up to 1,000 in numerals and in words • tell and write the time from an analogue clock, including using 12-hour and 24-hour clocks • estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight • know the number of seconds in a minute and the number of days in each month, year and leap year • compare durations of events, [for example, to calculate the time taken by particular events or tasks]
26	Number Sense		10b *Using place value*, p.116–117 *And finally ...*, p.120–121	p.130–131, p.134–135 Homework: *Partitioning 3-digit numbers into multiples of 10* and *Collecting tenths*, p.203	p.88–90		Number - number and place value Number - fractions Statistics	• count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number • identify, represent and estimate numbers using different representations • count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 • interpret and present data using bar charts, pictograms and tables

27	Additive Reasoning	Add 3-digit numbers using mental and written methods.	11 *3-digit sums and differences*, p.122–123 11a *Adding 3-digit numbers*, p.124–125 *Add-venture take-away pizza*, p.128–129 Game 1	p.136–139, p.142–143 Homework: *Adding 3-digit numbers using mental methods* and *Adding 3-digit numbers using written methods*, p.204	p.91–93	CPD: *Additive Reasoning - Key Ideas 2* and *Next Steps*	Number - addition and subtraction Measurement Statistics	• add and subtract numbers mentally, including: – a three-digit number and 100s • add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction • solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction • measure, compare, add and subtract: mass (kg/g) • add and subtract amounts of money to give change, using both £ and p in practical contexts • tell and write the time from an analogue clock, including using Roman numerals from I to XII • interpret and present data using bar charts, pictograms and tables • solve one-step and two-step questions [for example 'How many more?'] using information presented in scaled bar charts and pictograms and tables
28	Additive Reasoning	Subtract 3-digit numbers using mental and written methods.	11b *Subtracting 3-digit numbers*, p.126–127 *Add-venture take-away pizza*, p.128–129 Game 2 *And finally ...*, p.130–131	p.140–145 Homework: *Counting up to find a difference* and *Subtracting 3-digit numbers using written methods*, p.205	p.94–96	CPD: *Additive Reasoning - Next Steps*	Number - addition and subtraction Measurement Statistics	• add and subtract numbers mentally, including: – a three-digit number and 100s • add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction • solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction • add and subtract amounts of money to give change, using both £ and p in practical contexts • solve one-step and two-step questions [for example 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables

29	Number Sense	Represent large numbers and tenths in different ways.	12 *Representing whole numbers and fractions*, p.132–133 12a *Representing whole numbers and tenths*, p.134–135	p.146–149 Homework: *Making 999 with hundreds, tens and ones* and *Measuring length in cm and mm*, p.206	p.97–100	Interactive: *Fraction and decimal wall* CPD: *Number Sense - Key Ideas 3*	Number - number and place value Number - fractions Measurement	• identify, represent and estimate numbers using different representations • count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and dividing one-digit numbers or quantities by 10 • measure, compare, add and subtract: length(cm/mm), mass (kg/g) • add and subtract amounts of money to give change, using both £ and p in practical contexts
30	Number Sense	Find and compare unit and non-unit fractions.	12b *Finding and using unit and non-unit fractions*, p.136–137	p.150–151 Homework: *Making, comparing and ordering thirds and sixths* and *Halves, quarters and eighths*, p.207	p.101–104	Interactive: *Fraction and decimal wall*	Number - number and place value Number - fractions Measurement	• identify, represent and estimate numbers using different representations • recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators • compare and order unit fractions and fractions with the same denominator • measure, compare, add and subtract: length (m/cm)
Rising Stars Mathematics Half-Termly Test Year 3 Summer 1								

Rising Stars Mathematics
Year 3

Medium-term Plans

Summer 2

Rising Stars Mathematics							National Curriculum	
Week	Strand	Weekly summary	Textbook topics and page numbers	Teacher's Guide	Practice Book	Interactives and videos	Domain	Statement
31	Number Sense	Find equivalent fractions.	12c *Equivalent fractions*, p.138–139 *Fraction action!*, p.140–141	p.152–155 Homework: *Fractions equivalent to ¼*, p.208	p.105–106	Interactive: *Fraction and decimal wall*	Number - fractions	• recognise and show, using diagrams, equivalent fractions with small denominators
32	Number Sense	Add and subtract fractions.	12c *Equivalent fractions*, p.138–139 *And finally ...*, p.142–143	p.152–153, p.156–157 Homework: *Adding and subtracting eighths*, p.208	p.106–107	Interactive: *Fraction and decimal wall* CPD: *Number Sense - Next Steps*	Number - fractions Measurement	• add and subtract fractions with the same denominator within one whole [for example, 5⁄7 + 1⁄7 = 6⁄7] • solve problems that involve all of the above • measure, compare, add and subtract: mass (kg/g)
33	Multiplicative Reasoning	Use arrays to model the grid method of multiplication.	13 *Written methods for multiplication and division*, p.144–145 13a *Towards the written method for multiplication*, p.146–147 *Seeing stars*, p.150–151 Game 1	p.158–161, p.164–165 Homework: *Grid method of multiplication* and *Written multiplication methods*, p.209	p.108–113	Animation: *Exploring multiplication* CPD: *Multiplicative Reasoning - Key Ideas 1, Key Ideas 2* and *Next Steps*	Number - multiplication and division Measurement	• recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables • write and calculate mathematical statements for multiplication using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods • add and subtract amounts of money to give change, using both £ and p in practical contexts

Rising Stars Mathematics
Year 3

Medium-term Plans

34	Multiplicative Reasoning	Use arrays and partitioning to model division.	13b *Towards the written method for division*, p.148–149 *Seeing stars*, p.150–151 Game 2 *And finally ...*, p.152–153	p.162–167 Homework: *Using arrays to show divisions* and *Compact division*, p.210	p.114–116	Animation: *Exploring multiplication* CPD: *Multiplicative Reasoning - Key Ideas 3* and *Next Steps*	Number - multiplication and division Measurement	• recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables • write and calculate mathematical statements for division, using mental and progressing to formal written methods • add and subtract amounts of money to give change, using both £ and p in practical contexts
35	Geometric Reasoning	Use the properties of 2-D shapes to identify them.	14 *2-D shapes and perimeter*, p.154–155 14a *All about 2-D shapes*, p.156–157 *Black or white?*, p.160–161	p.168–171, p.174–175 Homework: *Making and drawing 2-D shapes* and *Drawing quadrilaterals*, p.211	p.117–119	Animation: *Right angles* Interactive: *2-D shapes* CPD: *Geometric Reasoning - Key Ideas 1, Key Ideas 2* and *Next Steps*	Geometry - properties of shapes	• identify right angles, recognise that 2 right angles make a half-turn, 3 make three quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle
36	Geometric Reasoning	Measure the perimeter of simple 2-D shapes.	14b *Measuring perimeter*, p.158–159 *And finally ...*, p.162–163	p.172–173, p.176–177 Homework: *Shapes with the same area but different perimeters* and *Finding perimeters or objects*, p.212	p.120–123	Interactive: *2-D shapes* CPD: *Geometric Reasoning - Next Steps*	Measurement Geometry - properties of shapes	• measure, compare, add and subtract: lengths (cm/mm) • measure the perimeter of simple 2-D shapes
Rising Stars Mathematics Half-Termly Test Year 3 Summer 2								