

Maths - Curriculum Map

- Maths lesson taught daily
- EYFS - Number Talk/Mastering Number Lessons taught weekly
- KS1 Materning Number/ Number Taks taught daily
- KS2 Number Talks/ Assertive Mentoring (one skill taught) Taught daily
- IXL Diagnostic completed weekly
- Deliberate practice embedded as a part of blended learning.
- LG/STS used for all lessons using agreed format
- Maths Journals used regularly with self/peer marking
- Homework to match learning in class and monitored for completion. Those not completing homework must be encouraged with conversations with parents, text prompts and positive strokes in class
- Once a term - post links to all desmos lesson linked to learning

Reception			
Term	Number Talks - Mastering Number - Number Blocks	Maths No Problem / White Rose	Suggested IXL
Autumn 1	• NB's: Series 1, Episode 1: How to Count • Series 3, Episode: Pattern Palace • Comparing amounts with dots/objects • Introduce stable order principle of counting • Introduce counting with 1:1 correspondence • Mastering Number: Slides comparing amounts	• Week 1-3: 'Getting to know you': -Settling and baseline assessments • Week 4-6: 'Just like Me!': -Match and sort -Compare amounts -Compare size, mass and capacity -Exploring pattern and colour	• Count to 10 • C.1 Identify numbers - up to 10 • C.2 Learn to count - up to 10 • C.3 Count objects - up to 10 • C.4 Count dots - up to 10 • C.5 Count shapes - up to 10 • C.6 Count using stickers - up to 10 • C.7 Count cubes - up to 10 • Comparing • E.1 Are there enough? • E.2 More • E.3 Fewer • E.4 Fewer and more - compare by counting • E.5 Compare in a mixed group • Size • N.1 Long and short • N.2 Tall and short • N.3 Wide and narrow • N.4 Light and heavy

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Autumn 2	- NB's Series 1, Episode: One - NB's Series 1, Episode: Another One - NB's Series 1, Episode: Two - NB's Series 1, Episode: Three - NB's Series 1, Episode: One, Two, Three! - NB's Series 1, Episode: Off we go! - Series 3, Episode: Flatland (circles and triangles) - Series 3, Episode: Numberblobs (link to positional language used in the episode- "where is 3 hiding?") - Series 1, Episode: Four - Series 1, Episode: Three Little Pigs - Series 1, Episode: The Terrible Twos - Series 1, Episode: Five - Series 1, Episode: The Whole of Me - Series 1, Episode: Stampolines - Series 1, Episode: Holes - Series 1, Episode: Hide and Seek - Identifying and subitising 1, 2 and 3 dots - Composing to 3 using dots - Introduce dots to 3 on a 5 frame - Recognising, ordering and writing numerals to 3 - Introduce cardinality counting principle (for groups to 3) - Continue practising stable order and 1:1 correspondence counting principles 1 more and 1 less with dots and 5 frames - Mastering number: Slides with dots to 3	Week 7-9: 'It's me, 1, 2, 3!': -Representing 1, 2 and 3 -Comparing 1, 2 and 3 -Composition of 1, 2 and 3 -Circles and triangles -Positional language Week 10-12: 'Light and dark': -Representing numbers to 5 -One more and one less -Shapes with four sides -Time and daily routine Week 13-14 (depending of length of term): Consolidation of topics	Count to 3 - A.1 Identify numbers - up to 3 - A.2 Learn to count - up to 3 - A.3 Count objects - up to 3 - A.4 Count dots - up to 3 - A.5 Count shapes - up to 3 - A.6 Count using stickers - up to 3 - A.7 Count on ten frames - up to 3 - A.8 Show numbers on ten frames - up to 3 - A.9 Represent numbers - up to 3 Positions - K.1 Inside and outside - K.2 Top and bottom - K.3 Top, middle and bottom - K.4 Above and below - K.5 Left and right - K.6 Left, middle and right - K.7 Beside and next to Flat Shapes - P.1 Name the shape - P.2 Circles - P.3 Squares - P.4 Triangles - P.5 Rectangles - P.6 Circles, squares, triangles and rectangles - P.7 Curved parts - P.8 Count sides - P.9 Count corners - P.10 Compose two-dimensional shapes Time - R.1 Seasons - R.2 Days of the week - R.3 Months of the year
Spring 1	- Series 3: Zero - Series 3, Episode: Once upon a Time - Series 3, Episode: Blockzilla - Series 3, Episode: The Numberblocks Express - Series 3, Episode: Fruit Salad - Series 2, Episode: Six - Series 2, Episode: Counting Sheep - Series 2, Episode: Seven - Series 2, Episode: Fluffies - Series 2, Episode: Eight - Series 3, Episode: Octoblock to the Rescue1 - Series 2. Episode: Double Trouble - Series 2, Episode: Now we are six to ten - Series 3, Episode: Five and Friends	Week 1-3: 'Alive in 5!': -Introducing Zero -Comparing numbers to 5 -Composition of 4 and 5 -Compare Mass (2) -Compare Capacity (2) Week 4-6: 'Growing 6, 7, 8': -6, 7 & 8 -Making pairs -Combining 2 groups -Length and Height -Time -Additional: ordinal numbers and daily routine	Count to 5 - B.1 Identify numbers - up to 5 - B.2 Learn to count - up to 5 - B.3 Count objects - up to 5 - B.4 Count dots - up to 5 - B.5 Count shapes - up to 5 - B.6 Count using stickers - up to 5 - B.7 Count cubes - up to 5 - B.8 Show numbers with cubes - up to 5 - B.9 Count on ten frames - up to 5 - B.10 Show numbers on ten frames - up to 5 - B.11 Represent numbers - up to 5 - B.12 One more with pictures - up to 5 - B.13 One more - up to 5 - B.14 One less with pictures - up to 5 - B.15 Ordinal numbers - up to fifth Comparing - E.6 Find the larger number - up to 5 - E.7 Find the smaller number - up to 5 Addition up to 5 - F.1 Put together cubes - sums up to 5 - F.2 Take apart numbers up to 5: words - F.3 Add with cubes - sums up to 5 - F.4 Add with pictures - sums up to 5 - F.5 Addition sentences up to 5: which model matches?

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	- Comparing to 5 using 5 frames and manipulatives - Recognising, ordering and writing numerals to 5 then 8 - Introduce the counting principle of order-irrelevance - Combining 2 groups together to 5 then 8 - Use cardinal counting principle when combining 2 groups - Part-whole model with bonds to 5		- F.6 Addition sentences up to 5: what does the model show? - F.7 Take apart numbers up to 5: addition sentences - F.8 Add two numbers - sums up to 5 - F.9 Make a number using addition - sums up to 5 - F.10 Complete the addition sentence - sums up to 5 - F.11 Addition word problems with pictures - sums up to 5 Subtraction up to 5 - H.1 Take away cubes - numbers up to 5 - H.2 Subtract with cubes - numbers up to 5 - H.3 Subtract with pictures - numbers up to 5 - H.4 Subtraction sentences - numbers up to 5 - H.5 Subtract - numbers up to 5 - H.6 Make a number using subtraction - numbers up to 5 - H.7 Complete the subtraction sentence - numbers up to 5 - H.8 Subtraction word problems with pictures - numbers up to 5 Size - N.5 Holds more or less - N.6 Compare size, weight and capacity - N.7 Measure using objects - N.8 Measure length with cubes - N.9 Build cube trains to measure length - N.10 Measure height with cubes - N.11 Build cube trains to measure height
Spring 2	- Series 2, Episode: Nine - Series 2, Episode: The Three Threes - Series 3, Episode: Hiccups - Series 2, Episode: Ten - Series 2, Episode: Just Add One - Series 2, Episode: The Two Tree - Series 2, Episode: Numberblock Castle - Series 2, Episode: Ten Green Bottles - Series 3, Episode: What's the difference? - Series 3, Episode: Peekaboo! - Series 1, Episode: Holes - Series 1, Episode: Hide and Seek - Series 2, Episode: Blast Off - Series 3, Episode: Ten Again - Series 3, Episode: Numberblock Rally - Series 3, Episode: Building Blocks - Recognising, ordering and writing numerals to 10 - Working with amounts to 10 using 10 frames, dots and manipulatives - Combining 2 groups together to 10 - Part-whole model with bonds to 10	Week 7-9: 'Building 9 and 10': -9 and 10 -Comparing numbers to 10 -Bonds to 10 -3D Shape -Patterns (2) Week 10-12 (depending on length of term): Consolidation of topics	Count to 10 - C.8 Show numbers with cubes - up to 10 - C.9 Count on ten frames - up to 10 - C.10 Show numbers on ten frames - up to 10 - C.11 Tally marks - up to 10 - C.12 Represent numbers - up to 10 - C.13 One more with pictures - up to 10 - C.14 One more - up to 10 - C.15 One less with pictures - up to 10 - C.16 Count up - up to 10 - C.17 Count up and down - up to 10 - C.18 Count forward - up to 10 - C.19 Count forward and backward - up to 10 - C.20 Count to fill a ten frame - C.21 Learn to count by 2s - C.22 Count by 2s - C.23 Ordinal numbers - up to tenth Addition up to 10 - G.1 Put together cubes - sums up to 10 - G.2 Take apart numbers up to 10: words - G.3 Add with cubes - sums up to 10 - G.4 Add with pictures - sums up to 10 - G.5 Addition sentences up to 10: which model matches? - G.6 Addition sentences up to 10: what does the model show? - G.7 Take apart numbers up to 10: addition sentences - G.8 Add two numbers - sums up to 10 - G.9 Make a number using addition - sums up to 10 - G.10 Complete the addition sentence - sums up to 10 - G.13 Addition word problems with pictures - sums up to 10 Solid Shapes - Q.1 Flat and solid shapes - Q.2 Name the solid shape - Q.3 Spheres - Q.4 Cubes - Q.5 Cuboids - Q.6 Cones - Q.7 Cylinders - Q.8 Select solid shapes Patterns - M.1 Colour patterns - M.2 Size patterns - M.3 Shape patterns - M.4 What comes next?

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			• Subtraction up to 10 • I.1 Take away cubes - numbers up to 10 • I.2 Subtract with cubes - numbers up to 10 • I.3 Subtract with pictures - numbers up to 10 • I.4 Subtraction sentences - numbers up to 10 • I.5 Subtract - numbers up to 10 • I.6 Make a number using subtraction - numbers up to 10 • I.7 Complete the subtraction sentence - numbers up to 10 • I.8 Subtraction word problems with pictures - numbers up to 10
Summer 1	• Series 4, Episode: Ten's Place • Series 4, Episode: Balancing Bridge • Series 3, Episode: Eleven • Series 3, Episode: Twelve • Series 3, Episode: Block Star • Series 3, Episode: The way of the Rectangle • Series 3, Episode: Thirteen • Series 3, Episode: Fourteen • Series 3, Episode: Fifteen • Series 3, Episode: Tween Scenes • Series 4, Episode: Fifteen's Minute of Fame • Series 4, Episode: On Your Head • Series 4, Episode: Sixteen • Series 4, Episode: Seventeen • Series 4, Episode: Eighteen • Series 4, Episode: Nineteen • Series 4, Episode: Twenty • Series 4, Episode: Tall Stories • Series 4, Episode: Flights of Fancy • Series 4, Episode: I can count to Twenty • Series 2, Episode: Numberblock Castle • Series 3, Episode: Fruit Salad • Series 3, Episode: Ten Again • Series 3, Episode: Mirror, Mirror • Series 3, Episode: The Legend of Big Tum • Series 4, Episode: Heist • Series 2, Episode: The Two Tree • Series 2, Episode: Ten Green Bottles • Series 2, Episode: Blast Off • Series 3, Episode: The Legend of Big Tum • Recognising counting patterns beyond 10 • Building numbers beyond 10, identifying Tens and Ones • Part-whole model to 20	• Week 1-3: 'To 20 and beyond': -Building numbers beyond 10 -Counting patterns beyond 10 -Spatial reasoning (1) -Match, rotate, manipulate • Week 4-6: 'First, Then, Now': -Adding more -Taking away -Spatial reasoning (2) -Compose and decompose shapes	• Count to 20 • D.1 Identify numbers - up to 20 • D.2 Count objects - up to 20 • D.3 Count dots - up to 20 • D.4 Count dots - 0 to 20 • D.5 Count shapes - up to 20 • D.6 Count on ten frames - up to 20 • D.7 Show numbers on ten frames - up to 20 • D.8 Represent numbers - up to 20 • D.9 Tally marks - up to 20 • D.10 Count up - up to 20 • D.11 Count up and down - up to 20 • D.12 Count forward - up to 20 • D.13 Count forward and backward - up to 20 • Subtraction up to 5 • H.1 Take away cubes - numbers up to 5 • H.2 Subtract with cubes - numbers up to 5 • H.3 Subtract with pictures - numbers up to 5 • H.4 Subtraction sentences - numbers up to 5 • H.5 Subtract - numbers up to 5 • H.6 Make a number using subtraction - numbers up to 5 • H.7 Complete the subtraction sentence - numbers up to 5 • H.8 Subtraction word problems with pictures - numbers up to 5 • Subtraction up to 10 • I.1 Take away cubes - numbers up to 10 • I.2 Subtract with cubes - numbers up to 10 • I.3 Subtract with pictures - numbers up to 10 • I.4 Subtraction sentences - numbers up to 10 • I.5 Subtract - numbers up to 10 • I.6 Make a number using subtraction - numbers up to 10 • I.7 Complete the subtraction sentence - numbers up to 10 • I.8 Subtraction word problems with pictures - numbers up to 10 • Data and graphs • S.1 Which picture graph is correct? • S.2 Interpret picture graphs • S.3 Which table is correct? • S.4 Interpret data in tables • Fractions • J.1 Equal parts • J.2 Identify halves • J.3 Identify halves and quarters • J.4 Make halves
Summer 2	• Series 2, Episode: Double Trouble • Series 2, Episode: The Three Threes • Series 4, Episode: Sign of the Times (challenge) • Series 2, Episode: Odds and Evens • Series 3, Episode: The Wrong Number • Series 3, Episode: Pattern Palace	• Week 7-9: 'Find my Pattern': -Doubling -Sharing and Grouping -Even and Odd -Spatial reasoning (3) -Visualise and Build	• Addition up to 10 • G.11 Add doubles with models - sums up to 10 • G.12 Add doubles - sums up to 10 Consolidate any topics required before transitioning to Year 1 and give additional homework to support the topics consolidated.

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	- Series 3, Episode: Ride the Rays - Series 3, Episode: Step Squads - Series 4, Episode: Sign of the Times (challenge) - Doubles to 10 - Halving amounts to 10 - Grouping amounts - Grouping identical amounts (using dots) - Recognising odd and even numerals/amounts	Week 10-11: 'On the move': -Deepening Understanding -Patterns and Relationships -Spatial Reasoning (4) -Mapping Week 13-14 (depending on the length of term): Consolidation of topics	
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YEAR 1			
Term	Fluency - Number Talks - Mastering Number Number Blocks	Maths No Problem/ White Rose	Suggested IXL
Autumn 1	Numbers to 10 - Series 1 E1- E9 - Blast off - Series 2- E5 , E6, E7 Addition Within 10 - S1 - E11 - The Whole of me - S1 - E12 - Terrible Twos - S1 - E14 - Hide and Seek - SE2 - E7 - Blast off - SE2 - E12- Fluffies - SE1 - E14 - Hide and Seek Mastering Number Wk 0-3 Number talks - Dot diagrams up to 10 - subitizing number up to 5	Numbers to 10 Lesson 1 - Counting to 10 Lesson 2 - Counting objects to 10 Lesson 3 - Writing to 10 Lesson 4 - Counting to Zero Lesson 5 - Comparing Numbers of Objects Lesson 6 - Ordering Numbers Lesson 7 - Comparing numbers Lesson 8 - Chapter Consolidation Number Bonds Lesson 1 - Making Number Bonds Lesson 2 - Making Number Stories Lesson 3 - Chapter Consolidation Addition Within 10 Lesson 1 - Add by using number bonds Lesson 2 - Add by counting on Lesson 3 - Completing number sentences Lesson 4 - making addition stories Lesson 5 - solving picture problems Lesson 6 - chapter consolidation	Numbers to 10 C - Numbers and counting up to 10 G - Comparing H - Sorting Ordering and classifying (H10) Number Bonds L - Addition up to 5 M - Addition up to 10 Addition Within 10 M - Addition up to 10 K - Addition skill builders
Autumn 2	Subtraction Within 10 - SE2 - E15 Ten green bottles - SE2 - E13 The Two Tree - SE2 - E11- Odd and Even - SE3 - E10 Hiccups - Extra: SE3 - E12 - Numberblock Rally Mastering Number Wk 4-7 Number Talks	Subtraction Within 10 Lesson 1 - Subtract by crossing out Lesson 2 - Subtract using number bonds Lesson 3 - Subtract by counting back Lesson 4 - make subtraction stories Lesson 5 - solving picture problems Lesson 6 - addition and subtraction Lesson 7 - Chapter consolidation Positions Lesson 1 - Naming Positions	Subtraction within 10 O - Subtraction Skill builders P - Subtraction up to 5 Q - Subtraction up to 10 Positions J - Positions Numbers to 20 D - Numbers and Counting up to 20 G - Comparing

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	- five frames and tens frames - different arrangements (subitizing an grouping number) - introduction to number lines	• Lesson 2 - Positions in Queues • Lesson 3 - Naming left and right positions • Lesson 4 - Chapter Consolidation Numbers to 20 • Lesson 1 - Counting to 20 • Lesson 2 - Writing to 20 • Lesson 3 - Comparing numbers • Lesson 4 - Ordering Numbers • Lesson 5 - Number Patterns • Lesson 6 - Chapter Consolidation	H - Sorting Ordering and classifying (H11)
Spring 1	Mastering Number weeks 7-11 Number blocks: SE3: Eleven SE3: Twelve SE3: Thirteen SE3: Fourteen SE3: Fifteen SE3: Pattern Palace SE4: Fifteen Minutes of Fame SE4: On your head SE4: Ten's Place SE4: Balancing Bridge SE4: Sixteen SE4: Seventeen SE4: Eighteen SE4: Nineteen SE4: Twenty SE4: I Can Count to Twenty SE5: The many friends of 20 SE5: Ten Vaulting Numbertalks - gaps from maths.co.uk assessment (language of more and fewer) - counting on using tens frames - rekenreks bonds within 10 - number lines up to 20	Addition and Subtraction Within 20 • Lesson 1 - Add by counting on • Lesson 2 - Add by making 10 • Lesson 3 - Add by making ones • Lesson 4 - Counting back • Lesson 5 - Subtract by subtracting ones • Lesson 6 - Subtract from 10 • Lesson 7 - Addition and Subtraction facts • Lesson 8 - Chapter Consolidation Shapes and Patterns • Lesson 1 - Recognising Solids • Lesson 2 - Recognising Shapes • Lesson 3 - Grouping Shapes • Lesson 4 - Making Patterns • Lesson 5 - Chapter Consolidation Numbers to 40 • Lesson 1 - Counting to 40 • Lesson 2 - Writing numbers to 40 • Lesson 3 - Counting in Tens and Ones • Lesson 4 - Comparing Numbers • Lesson 5 - Finding how much more • Lesson 6 - Making number patterns • Lesson 7 - Chapter Consolidation	Addition and Subtraction Within 20 N - Addition up to 20 R - Subtraction up to 20 Shapes and Patterns I - Patterns Y - Two Dimensional Shapes Z - Three Dimensional Shapes H - Sorting Ordering and classifying (H6-9) Numbers to 40 E - Numbers and Counting beyond 20 (up to E4) F - Skip counting
Spring 2	Mastering Number weeks 12-16 Number blocks: SE4: Twenty one and on SE4: Thirty's big top SE4: Land of the giants SE5: Making Patterns Numbertalks - gaps from maths.co.uk assessment (language of more and fewer)	Length and height • Lesson 1 - Comparing height and length • Lesson 2 - Measuring length using things • Lesson 3 - measuring height and length using body parts • Lesson 4 - measuring height and length using a ruler • Lesson 5 - Chapter Consolidation • Addition and Subtraction word problems • Lesson 1 - Solving Word Problems	Length and height W - Measurement Addition and Subtraction word problems M - Addition up to 10 (M14, M15) N - Addition to 20 (N7) R - Subtraction up to 20 (R6) Numbers to 100 E - Numbers and Counting beyond 20

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	- counting on using multiple tens frames/ five frames - introducing tens and ones using dienes rekenreks - number lines up to 40	• Lesson 2 - Solving Word Problems • Lesson 3 - Solving Word Problems • Lesson 4 - Solving Word Problems • Lesson 5 - Solving Word Problems • Lesson 6 - Solving Word Problems • Lesson 7 - Chapter Consolidation Numbers to 100 • Lesson 1 - Counting to 100 • Lesson 2 - Finding Tens and Ones • Lesson 3 - Comparing Numbers • Lesson 4 - Making Number Patterns • Lesson 5 - Chapter Consolidation	F - Skip counting
Summer 1	Mastering Number weeks 17- Number Blocks: SE3: Mirror Mirror SE5: Fun times one times table SE5: Twoland SE5: Two times shoe shop SE5: The Team Factor SE5: Snow Day Doubles SE5: Sky High Fives Numbertalks - gaps from maths.co.uk assessment - gaps from spring assessments - grouping dot images - repeated addition - multiple tens frames and five frames	Multiplication • Lesson 1 - Making equal groups • Lesson 2 - Adding equal groups • Lesson 3 - Making equal rows • Lesson 4 - Making doubles • Lesson 5 - solving word problems • Lesson 6 - Chapter Consolidation Division • Lesson 1 - Grouping Equally • Lesson 2 - Sharing Equally • Lesson 3 - Chapter Consolidation Fractions • Lesson 1 - Making Halves • Lesson 2 - Making Quarters • Lesson 3 - Sharing and Grouping • Lesson 4 - Chapter Consolidation •	Multiplication F - Skip counting BB - Understand multiplication Division CC - Understand division Fractions S - Fractions Time T - Time
Summer 2	Mastering number Number Blocks: SE4: Fifty SE4: One Hundred SE4: The Big One SE4: Sixty's High Score SE5: 100 ways to leave the planet Number Talks: - gaps from math.co.uk assessment - gaps from Spring Assessments - tens frames - number lines up to 100 - introducing dienes up to 100	Time • Lesson 1 - Telling time to the hour • Lesson 2 - Telling time to the half hour • Lesson 3 - Using next before and after • Lesson 4 - Estimating duration of time • Lesson 5 - Comparing time • Lesson 6 - Using a calendar • Lesson 7 - Chapter Consolidation Money • Lesson 1 - Recognising Coins • Lesson 2 - Recognising Notes • Lesson 3 - Chapter Consolidation Capacity • Lesson 1 - Comparing Volume and Capacity • Lesson 2 - Finding Volume and Capacity	Money X - Money Capacity W - Measurement Mass W - Measurement

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		• Lesson 3 - Describing Volume using half and a quarter • Lesson 4 - Chapter Consolidation Mass • Lesson 1 - Comparing Mass • Lesson 2 - Finding Mass • Lesson 3 - Chapter Consolidation	
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YEAR 2			
Term	Fluency / Number Talks	Maths No Problem/ White Rose	Suggested IXL
Autumn 1	• partitioning numbers in Tens and Ones • Counting on number lines • Representing place value with dienes • Adding with dienes • Adding 10 more • Jumping up in tens • Adding multiples of ten (related number facts)	Place value • Lesson 1 - Counting to 100 • Lesson 2 - Place Value • Lesson 3 - Comparing Number • Lesson 5 - Number patterns • Lesson 6 - number patterns Addition and subtraction • Lesson 1 - Simple adding • Lesson 2 - simple adding • Lesson 3 - simple adding • Lesson 4 - simple adding • Lesson 5 - adding with renaming • Lesson 6 - adding with renaming •	• Place value ○ A (counting and number patterns) ○ B (Place value) • Addition ○ C (understand Addition) ○ D (Addition skill builders) ○ E (Addition) ○ F (Addition strategies)
Autumn 2	• Subtracting using dienes • Subtracting on a number line • Subtract 10 less • Subtract using related number facts • repeated addition • patterns when adding multiples of 2, 5, 10 • Recognising odd and even numbers • Grouping in arrays	Addition and subtraction (continued) • Lesson 7 - simple subtracting • Lesson 8 - simple subtracting • Lesson 9 - simple subtracting • Lesson 10 - simple subtracting • Lesson 11 - subtract with renaming • Lesson 12 - subtract with renaming • Lesson 13 - addition with 3 numbers Multiplication of 2, 5 and 10 • Lesson 1 - equal groups • Lesson 2 - 2 times tables • Lesson 3 - 2 times tables • Lesson 4 - 5 times tables • Lesson 5 - 5 times tables • Lesson 6 - 10 times tables /Lesson 7 - 10 times tables (combined) • Lesson 8 - 2 5 and 10 times tables Multiplication and division of 2, 5 and 10 • Lesson 1 - Grouping • Lesson 2 - Sharing	• Subtraction ○ G (understand subtraction) ○ H (subtraction skill builders) ○ I (Subtraction) ○ J (Subtraction strategies) • Multiplication ○ K (Understand multiplication) ○ L (Multiplication)
Spring 1	• Sharing in equal groups • Fact families for x and / • dividing by 2 (spotting pairs)	Multiplication and division of 2, 5 and 10 (cont) • Lesson 3 - Dividing by 2 • Lesson 4 - Dividing by 5 • Lesson 5 - dividing by 10 • Lesson 6 - Multiplication and division	• Division ○ M (Understand division) ○ N (division)

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	- divide by 10 using related place value facts - identifying fractions (half, quarter, thirds) - finding fractions of a number - comparing lengths to find difference - estimating lengths with suitable units	Lesson 8 - odds and evens Fractions (Ch13) Lesson 1 - making equal parts Lesson 2 - showing half and quarter Lesson 3 - showing quarters Lesson 4 - showing thirds Lesson 5 - naming fractions Lesson 6 - make equal fractions Lesson 9 - counting whole and parts Lesson 13 - finding parts in a set / Lesson 14 Lesson 16 - finding parts in a quantity Length (Ch5) Lesson 1 - measuring length in metres Lesson 2 - measuring length in cm Lesson 3 - Comparing length in m / Lesson 4 - comparing length in cm Lesson 6 - solving word problems Shape (Ch 11) Lesson 1 - identifying sides Lesson 2 - Identifying vertices Lesson 3 - Identifying Lines of Symmetry Lesson 5 - sorting shapes Lesson 6 - drawing shapes	- Mixed operations - O (mixed operations) - Fractions - R (Fractions) 2D shape - S (2D shapes) - Length - W (measurement)
Spring 2	- converting units of length - multiply and divide by 10 - greater than/ less than - identifying units of money - money related word problems	Mass (CH6) Lesson 1 - measuring mass in kg Lesson 2 - Measuring mass in g Lesson 4 - Comparing mass of 2 objects Lesson 6 - solving word problems Temperature (Ch7) Lesson 1 - Reading temperature Lesson 2 - estimating temperature Money (Ch10) Lesson 1 - Writing amounts of money (indep) Lesson 2 - Counting money (indep) Lesson 3 - Counting money (indep) Lesson 5 - showing equal amounts of money Lesson 6 - exchanging money Lesson 8 - calculating total amount Lesson 9 - calculating change	- Mass - W (Measurement) - Temperature - Money - X (Money)
Summer 1	- sorting shapes (2d vs 3d) - recap strategies for the 4 operations - recap fractions number talks from Spring 1 - Time durations - time into minutes and hours - analogue vs digital	3D shapes (Ch12) Lesson 1 - recognise 3d shapes Lesson 2 - describe 3d shapes Lesson 4 - grouping shapes Lesson 5 - forming shapes Time (Ch 14) Lesson 1 - tell time to 5 minutes Lesson 2 - tell and write time	3D shape - T (3d shape) - Time - BB (Time) - Graphs - V (data and graphs)

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	Analysing picture graphs (find the mistake)	Lesson 4 - drawing clock hands Lesson 5 - find durations Lesson 7 - find end times Lesson 9 - find start times Lesson 11 - comparing time Graphs (Ch8) Lesson 1 - read picture graphs Lesson 2 - read picture graphs Lesson 5 - read picture graphs	
Summer 2	- Using maths.co.uk, we will identify gaps and misconceptions to be revisited in Number Talks for Summer 2 - Certainly, a focus upon ensuring the 4 operations, fractions and reasoning problems will be incorporated	Focus for Summer 2 upon reasoning and word problems across a wider range of KS1 maths areas Links to cross curricular - graphs and data handling in science - shapes in art (cubism focus) - Measuring length in PE (Athletics)	- IXL diagnostic - Review IXL gaps and using diagnostic direct individual pupils to relevant areas of development

YEAR 3			
Term	Fluency	Maths No Problem/ White Rose	Suggested IXL
Autumn 1	- Part-part whole model addition and subtraction facts to 20 - Numbers to 100 - Place value - tens and ones 2 digit + 1 digit numbers without regrouping (number lines, dienes, part-part whole) - Weekly Skill Check Stage 1 Check 10-15	<u>Pre-Unit Maths.co.uk Y3 Place Value Test A</u> Chapter 1 - Numbers to 1000/Place Value Lesson 1 - Counting in Hundreds Lesson 2 - Counting in Hundreds, Tens and Ones Lesson 3 - Place Value Lesson 4 - Comparing and Ordering Numbers Lesson 5 - Counting in Fifties Lesson 6 - Number Patterns Lesson 7 - Number Patterns Lesson 8 - Counting in Fours and Eights White Rose - Y3 Unit 1 Place Value <u>Post Unit Maths.co.uk Y3 Place Value Test B</u> <u>Pre Unit Maths.co.uk Y3 Addition and Subtraction Test A</u> Chapter 2 - Addition and Subtraction Lesson 1 - Addition and Subtraction Facts Lesson 2 - Simple Adding Lesson 3 - Simple Adding Lesson 4 - Simple Adding Lesson 5 - Simple Adding Lesson 6 - Adding with Renaming Lesson 7 - Adding with Renaming Lesson 8 - Adding with Renaming Lesson 9 - Adding with Renaming Lesson 10 - Adding with Renaming	Place Value - Year 2 Place Value B.1-B.6 - Year 3 Place Value R.1-R.12 - Year 3 Names of numbers C.1-C.8 Addition - Year 2 Addition Strategies F.1-F.17 - Year 3 Addition E.1-E.19 - Year 3 Addition two digit G.1-G.19 - Year 3 Addition three digit I.1 - I.17

Maths - Curriculum Map

Autumn 2	- Weekly Skill Check Stage 2 Week 1-5 - Numbers to 1000 - Place value - hundreds, tens and ones 2 digit + 1 digit numbers with regrouping 2 digit - 1 digit numbers with and without regrouping	Chapter 2 - Addition and Subtraction (cont) Lesson 11 - Simple Subtracting Lesson 12 - Simple Subtracting Lesson 13 - Simple Subtracting Lesson 14 - Simple Subtracting Lesson 15 - Simple Subtracting Lesson 16 - Subtracting with Renaming Lesson 17 - Subtracting with Renaming Lesson 18 - Subtracting with Renaming Lesson 19 - Subtracting with Renaming Lesson 20 - Using Models Lesson 21 - Using Models White Rose - Addition and Subtraction <u>Post Unit Maths.co.uk Y3 Addition and Subtraction Test B</u> <u>Pre-Unit Maths.co.uk Y3 Multiplication and Division Test A</u> Chapter 3 - Multiplication and Division Lesson 10 - Multiplying and Dividing Chapter 4 - Further Multiplication and Division Lesson 1 - Multiplying 2-Digit Numbers Lesson 2 - Multiplying 2-Digit Numbers Lesson 3 - Multiplying 2-Digit Numbers Lesson 4 - Multiplying with Regrouping Lesson 5 - Multiplying with Regrouping White Rose - Multiplication and Division (2)	Addition - Addition three digit I.1 - I.17 Subtraction - Subtraction F.1-F.13 - Subtraction two digit H.1-H.12 - Subtraction three digit J.1-J.15 - Mixed Operations T.1-T.17 Multiplication - Understanding Multiplication K.1-K.8 - Multiplication skill builders L.1-L.11 - Multiplication M.1-M.18
Spring 1	- Weekly Skill Check Stage 2 Week 6-10 - Column addition - Column subtraction - Column multiplication - Multiples of 2,5,10,3,4,6,8	Chapter 4 - Further Multiplication and Division (cont) Lesson 6 - Simple Dividing Lesson 7 - Dividing with Regrouping Lesson 8 - Dividing with Regrouping Lesson 9 - Solving Word Problems Lesson 10 - Solving Word Problems Lesson 11 - Solving Word Problems White Rose - Multiplication and Division (2) <u>Post-Unit Maths.co.uk Y3 Multiplication and Division Test B</u> <u>Pre-Unit Maths.co.uk Y3 Fractions Test A</u> Chapter 11 - Fractions Lesson 1 - Counting in Tenths Lesson 2 - Making Number Pairs Lesson 3 - Adding Fractions Lesson 4 - Adding Fractions Lesson 5 - Subtracting Fractions Lesson 6 - Finding Equivalent Fractions Lesson 7 - Finding Equivalent Fractions Lesson 8 - Finding Equivalent Fractions Lesson 9 - Finding Equivalent Fractions Lesson 10 - Finding Equivalent Fractions Lesson 12 - Finding the Simplest Fraction Lesson 13 - Finding the Simplest Fraction	Multiplication - Understanding Multiplication K.1-K.8 - Multiplication skill builders L.1-L.11 - Multiplication M.1-M.18 Division - Understand Division N.1-N.5 - Division Skill Builder O.1-O.10 - Division P.1-P.15 Fractions - Understanding Fractions CC.1-CC.21 - Equivalent Fraction DD.1-DD.7 - Compare Fractions EE.1-EE.8

Maths - Curriculum Map

		• Lesson 14 - Finding Equivalent Fractions • Lesson 15 - Comparing Fractions • Lesson 16 - Comparing Fractions	
Spring 2	• Weekly Skill Check Stage 2 Week 11-15 • Fractions of shapes and digits (1/10th) • Equivalent and simplifying fractions • Comparing fractions of number and shape • Fact families for multiplication and division • Multiplication up to 12 x	Chapter 11 - Fractions (cont) • Lesson 18 - Adding Fractions • Lesson 20 - Subtracting Fractions • Lesson 21 - Finding Part of a Set • Lesson 22 - Finding Part of a Set • Lesson 23 - Finding the Fraction of a Number • Lesson 24 - Sharing One • Lesson 25 - Sharing More Than 1 • Lesson 26 - Sharing More Than 1 • Lesson 27 - Sharing More Than 1 • Lesson 28 - Solving Word Problems • Lesson 29 - Solving Word Problems Post-Unit Maths.co.uk Y3 Fractions Test B Pre-Unit Maths.co.uk Y3 Length and Perimeter Test A Chapter 5- Length • Lesson 1 - Writing Length in Metres and Centimetres • Lesson 2 - Writing Length in Centimetres • Lesson 3 - Writing Length in Metres • Lesson 4 - Writing Length in Kilometres and Metres • Lesson 5 - Comparing Length • Lesson 6 - Solving Word Problems Chapter 14 - Perimeter of Figures • Lesson 1 - Measuring Total Length Around a Shape • Lesson 2 - Measuring Perimeter • Lesson 3 - Measuring Perimeter • Lesson 4 - Measuring Perimeter • Lesson 5 - Measuring Perimeter • Lesson 6 - Calculating Perimeter • Lesson 7 - Calculating Perimeter Post-Unit Maths.co.uk Y3 Length and Perimeter Test B Pre-Unit Maths.co.uk Y3 Mass and Capacity Test A Chapter 6 - Mass • Lesson 1 - Reading Weighing Scales • Lesson 2 - Reading Weighing Scales Chapter 7 - Volume • Lesson 1 - Measuring Volume in Millilitres • Lesson 2 - Measuring Capacity in Millilitres • Lesson 3 - Measuring Volume in Millilitres and Litres • Lesson 4 - Measuring Capacity in Millilitres and Litres • Lesson 5 - Writing Volume in Litres and Millilitres Post-Unit Maths.co.uk Y3 Mass and Capacity Test B	Fractions • Understanding Fractions CC.1-CC.21 • Equivalent Fraction DD.1-DD.7 • Compare Fractions EE.1-EE.8 • Add and Subtract Fractions FF.1-FF.12 Perimeter • Perimeter and Area BB.1-BB.7
Summer 1	• Measuring different volumes of water • Recording measurements (cm,km, ml, l) • Calculating perimeter of a shape	Pre-Unit Maths.co.uk Y3 Money Test A Chapter 8 - Money	•

Maths - Curriculum Map

	• Addition and subtraction fractions • Exploring addition and subtraction relating to money	• Lesson 2 - Naming Amounts of Money • Lesson 3 - Showing Amounts of Money • Lesson 4 - Adding Money • Lesson 7 - Adding Money • Lesson 11 - Subtracting Money • Lesson 12 - Calculating Change • Lesson 13 - Solving Word Problems <u>Post-Unit Maths.co.uk Y3 Money Test B</u> <u>Pre-Unit Maths.co.uk Y3 Time Test A</u> Chapter 9 - Time • Lesson 1 - Telling the Time • Lesson 2 - Telling the Time • Lesson 3 - Telling the Time • Lesson 4 - Telling the Time • Lesson 5 - Telling the Time • Lesson 6 - Telling the Time • Lesson 7 - Telling the Time • Lesson 8 - Measuring and Comparing Time in Seconds • Lesson 9 - Measuring Time in Seconds • Lesson 10 - Measuring Time in Seconds • Lesson 11 - Measuring Time in Hours • Lesson 12 - Measuring Time in Hours • Lesson 13 - Measuring Time in Hours • Lesson 14 - Measuring Time in Minutes • Lesson 15 - Measuring Time in Minutes • Lesson 16 - Measuring Time in Minutes • Lesson 17 - Changing Minutes to Seconds • Lesson 18 - Changing Seconds to Minutes • Lesson 19 - Finding Number of Days • Lesson 20 - Finding Number of Days <u>Post-Unit Maths.co.uk Y3 Time Test B</u>	
Summer 2	• Weekly Skills Check St.3 W1-5 • Telling the time and recording time (minutes and hours) • Calculating money (income/expenses) using graphs. • Using graphs to record and measure data (bar models, pictographs, tally charts) - P.E link • Drawing and measuring angles of various shapes	<u>Pre-Unit Maths.co.uk Y3 Statistics Test A</u> Chapter 10 - Picture Graphs and Bar Graphs • Lesson 1 - Drawing Picture Graphs • Lesson 2 - Drawing Bar Graphs • Lesson 3 - Reading Bar Graphs • Lesson 4 - Reading Bar Graphs • Lesson 5 - Reading Bar Graphs <u>Post-Unit Maths.co.uk Y3 Statistics Test B</u> <u>Pre-Unit Maths.co.uk Y3 Properties of Shape Test A</u> Chapter 12 - Angles • Lesson 1 - Making Angles • Lesson 2 - Making Angles • Lesson 3 - Finding Angles in Shapes • Lesson 4 - Finding Right Angles • Lesson 5 - Comparing Angles • Lesson 6 - Comparing Angles • Lesson 7 - Making Turns Chapter 13 - Lines and Shapes	

Maths - Curriculum Map

		• Lesson 1 - Identifying Perpendicular Lines • Lesson 2 - Identifying Parallel Lines • Lesson 3 - Finding Vertical and Horizontal Lines • Lesson 4 - Describing Two-Dimensional Shapes • Lesson 5 - Drawing Two-Dimensional Shapes • Lesson 6 - Making Three-Dimensional Shapes • Lesson 7 - Making Three-Dimensional Shapes • Lesson 8 - Describing Three-Dimensional Shapes Post-Unit Maths.co.uk Y3 Properties of Shape Test B	
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YEAR 4			
Term	Fluency	Maths No Problem/ White Rose	Suggested IXL
Autumn 1	• Weekly skills check Stage 3 • Using place value charts up to thousands • making number patterns • Rounding to 10, 100 and 1000 • Estimating numbers to add and subtract • Addition strategies	Place Value - MNP • Lesson 1 - Counting in Hundreds and Twenty-Fives • Lesson 2 - Counting in Thousands • Lesson 3 - Counting in Thousands, Hundreds, Tens and Ones • Lesson 4 - Using Place Value • Lesson 5 - Using Place Value • Lesson 6 - Comparing and Ordering Numbers • Lesson 7 - Comparing and Ordering Numbers • Lesson 8 - Making Number Patterns • Lesson 9 - Making Number Patterns • Lesson 10 - Counting in Sixes, Sevens and Nines • Lesson 11 - Rounding Numbers • Lesson 12 - Rounding Numbers • Lesson 13 - Rounding Numbers to Estimate • Lesson 14 - Rounding Numbers to Estimate Addition and Subtraction - MNP • Lesson 1 - Finding Sums • Lesson 2 - Adding without Renaming • Lesson 3 - Adding with Renaming • Lesson 4 - Adding with Renaming • Lesson 5 - Adding with Renaming • Lesson 6 - Adding Using Mental Strategies	Numbers and Comparing • A.1-A.18 Place Values • B.1-B.9
Autumn 2	• Weekly skills check Stage 3 • Addition strategies • Subtraction strategies • Multiplying three factors • Multiplying multiples of 10 • Multiplication strategies	Addition and Subtraction - MNP (cont) • Lesson 7 - Adding Using Mental Strategies • Lesson 8 - Finding Differences • Lesson 9 - Subtracting without Renaming • Lesson 10 - Subtracting with Renaming • Lesson 11 - Subtracting with Renaming • Lesson 12 - Subtracting with Renaming • Lesson 13 - Subtracting with Renaming • Lesson 14 - Subtracting Using Mental Strategies • Lesson 15 - Solving Word Problems Multiplication and Division - MNP	Addition • C.1-C.22 Subtraction • D.1-D.17 Understanding Multiplication • E.1-E.8 Multiplication Skills Builder • F.1-F.13 Multiplication Fluency

Maths - Curriculum Map

		• Lesson 1 - Multiplying by 0 and 1 • Lesson 2 - Dividing by 1 • Lesson 3 - Multiplying the Same Two Numbers • Lesson 4 - Multiplying Three Numbers • Lesson 5 - Multiplying Multiples of 10 • Lesson 6 - Multiplying 2-Digit Numbers • Lesson 7 - Multiplying 2-Digit Numbers • Lesson 8 - Multiplying Multiples of 100 • Lesson 9 - Multiplying 3-Digit Numbers • Lesson 10 - Multiplying 3-Digit Numbers • Lesson 11 - Multiplying 3-Digit Numbers	• G.1-G.23 Multiplication • H.1-H.25
Spring 1	• Weekly skills check Stage 3 • Times tables practice (TTRockstars) • Dividing two and three digit numbers • Using long division • Identifying fractions • Adding fractions with the same denominators • Adding fractions with different denominators • Find common multiples to find equivalent fractions.	Multiplication and Division - MNP (cont) • Lesson 12 - Dividing 2-Digit Numbers • Lesson 13 - Dividing 3-Digit Numbers • Lesson 14 - Dividing 2-Digit Numbers • Lesson 15 - Dividing 3-Digit Numbers • Lesson 16 - Dividing 3-Digit Numbers • Lesson 17 - Solving Word Problems • Lesson 18 - Solving Word Problems Fractions - MNP (Y3) • Lesson 1 - Counting in Tenths • Lesson 2 - Making Number Pairs • Lesson 3 - Adding Fractions • Lesson 4 - Adding Fractions • Lesson 5 - Subtracting Fractions • Lesson 6 - Finding Equivalent Fractions • Lesson 7 - Finding Equivalent Fractions • Lesson 8 - Finding Equivalent Fractions • Lesson 9 - Finding Equivalent Fractions • Lesson 10 - Finding Equivalent Fractions • Lesson 11 - Finding Equivalent Fractions • Lesson 12 - Finding the Simplest Fraction • Lesson 13 - Finding the Simplest Fraction	Understand Division • I.1-I.5 Division Skill Builders • J.1-J.12 Division Fluency • K.1-K.18 Division • L.1-L.14 Understanding Fractions (Year 3) • CC.1-CC.21 Equivalent Fractions (Year 3) • DD.1-DD.7
Spring 2	• Weekly skills check Stage 3 • Writing mixed numbers and improper fractions • Simplifying fractions • Drawing graphs using data.	Fractions - MNP (Y4) • Lesson 1 - Counting in Hundredths • Lesson 2 - Writing Mixed Numbers • Lesson 3 - Showing Mixed Numbers on a Number Line • Lesson 4 - Finding Equivalent Fractions • Lesson 5 - Finding Equivalent Fractions • Lesson 6 - Simplifying Mixed Numbers • Lesson 7 - Simplifying Improper Fractions • Lesson 8 - Adding Fractions • Lesson 9 - Adding Fractions • Lesson 10 - Adding Fractions • Lesson 11 - Subtracting Fractions • Lesson 12 - Subtracting Fractions • Lesson 13 - Solving Word Problems Graphs - MNP	Understand Fractions • BB.1-BB.16 Compare and order fractions • CC.1-CC.5 Equivalent Fractions • DD.1-DD.9 Operations with Fractions • EE.1-EE.15 Data and Graphs • V.1-V.23

Maths - Curriculum Map

		• Lesson 1 - Drawing and Reading Picture Graphs and Bar Graphs • Lesson 2 - Drawing and Reading Bar Graphs • Lesson 3 - Drawing and Reading Line Graphs • Lesson 4 - Drawing and Reading Line Graphs • Lesson 5 - Drawing and Reading Line Graphs	
Summer 1	• Weekly skills check Stage 3 • Using a 24-hour clock • Show tenths on place value chart • Ordering decimals using counters	Time - MNP • Lesson 1 - Telling Time on a 24-Hour Clock • Lesson 2 - Changing Time in Minutes to Seconds • Lesson 3 - Changing Time in Hours to Minutes • Lesson 4 - Solving Problems on Duration of Time • Lesson 5 - Changing Years to Months and Weeks to Days Decimals - MNP • Lesson 1 - Writing Tenths • Lesson 2 - Writing Tenths • Lesson 3 - Writing Tenths • Lesson 4 - Writing Hundredths • Lesson 5 - Writing Hundredths • Lesson 6 - Writing Hundredths • Lesson 7 - Writing Hundredths • Lesson 8 - Writing Decimals • Lesson 9 - Comparing and Ordering Decimals • Lesson 10 - Comparing and Ordering Decimals • Lesson 11 - Comparing and Ordering Decimals Money - MNP • Lesson 1 - Writing Amounts of Money • Lesson 2 - Writing Amounts of Money • Lesson 3 - Comparing Amounts of Money • Lesson 4 - Rounding Amounts of Money	Time • U.1-U.16 Decimals • FF.1-FF.19 Money • T.1-T.11
Summer 2	• Weekly skills check Stage 3 • Conversion of measurements • Perimeters for shapes using different units • Types of angles • Types of triangles	Mass, Volume and Length - MNP • Lesson 1 - Measuring Mass • Lesson 2 - Measuring Mass • Lesson 3 - Converting Units of Mass • Lesson 4 - Measuring Volume • Lesson 5 - Measuring Volume • Lesson 8 - Measuring Length • Lesson 9 - Converting Units of Length • Lesson 10 - Converting Units of Length • Lesson 11 - Measuring Perimeter in Different Units Geometry - MNP • Lesson 1 - Knowing Types of Angles • Lesson 2 - Comparing Angles • Lesson 3 - Classifying Triangles • Lesson 4 - Classifying Quadrilaterals • Lesson 5 - Identifying Symmetrical Figures • Lesson 7 - Completing Symmetrical Figures • Lesson 10 - Sorting Shapes Position and Movement - MNP	Units of Measurement • W.1-W.20 Triangles and Quadrilateral • Y.1-Y.9 Perimeter and Area • Z.1-Z.14 Three dimensional figures • AA.1-AA.7

Maths - Curriculum Map

		● Lesson 1 - Describing Position ● Lesson 2 - Describing Position ● Lesson 3 - Plotting Points ● Lesson 4 - Describing Position	
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YEAR 5			
Term	Fluency Number Talks & Assertive Mentoring	Maths No Problem/ White Rose	Suggested IXL
Autumn 1	Teaching focus for Assertive Mentoring skills. ● Rounding Whole Numbers to Million ● Simple one/two step problems ● Count through 0 to include negative numbers Number Talks four operations and efficient methods Stage 4 - 1-6	Place Value ● Lesson 1 - Reading and Writing Numbers to 100 000 ● Lesson 2 - Reading and Writing Numbers to 1 000 000 ● Lesson 3 - Reading and Writing Numbers to 1 000 000 ● Lesson 4 - Comparing Numbers to 1 000 000 ● Lesson 5 - Comparing Numbers to 1 000 000 ● Lesson 6 - Comparing Numbers to 1 000 000 ● Lesson 7 - Comparing Numbers to 1 000 000 ● Lesson 8 - Making Number Patterns ● Lesson 9 - Making Number Patterns ● Lesson 10 - Rounding Numbers ● Lesson 11 - Rounding Numbers ● Lesson 12 - Rounding Numbers Whole Number Addition - Subtraction ● Lesson 1 - Counting On to Add ● Lesson 2 - Counting Backwards to Subtract ● Lesson 3 - Adding within 1 000 000 ● Lesson 4 - Adding and Subtracting within 1 000 000 ● Lesson 5 - Adding within 1 000 000 ● Lesson 6 - Subtracting within 1 000 000 Whole Numbers - Multiplication and Division ● Lesson 1 - Finding Multiples ● Lesson 2 - Finding Factors ● Lesson 3 - Finding Common Factors ● Lesson 4 - Finding Prime Numbers ● Lesson 5 - Finding Prime Numbers ● Lesson 6 - Finding Square and Cube Numbers ● Lesson 7 - Multiplying by 10, 100 and 1000 ● Lesson 8 - Multiplying 2-Digit and 3-Digit Numbers by a Single Digit ● Lesson 9 - Multiplying 4-Digit Numbers ● Lesson 10 - Multiplying 4-Digit Numbers ● Lesson 11 - Multiplying 4-Digit Numbers ● Lesson 12 - Multiplying a 2-Digit Number by a 2-Digit Number ● Lesson 13 - Multiplying a 2-Digit Number by a 2-Digit Number	Number A. 1-20 Place Value B. 1-16 Addition - Subtraction C. 1-12 D. 1-9 Multiplication E. 1-17 F. 1-21 Mixed Operations - Indices J. 1-2 K. 1-10
Autumn 2	Teaching focus for Assertive Mentoring skills.	Whole Numbers - Multiplication and Division	Division - Fractions and Mixed Numbers - Add and Subtract Fractions With the

Maths - Curriculum Map

	● Rounding Whole Numbers to Million ● Simple one/two-step problems ● Multiply by 1 digit by 4 digit ● Multiply 10, 100, 1000 (Whole/Decimal Numbers) ● Stage 4 - 7-10 Teaching focus for Number Talks ● Four operations and efficient methods ● Multiply 10, 100, 1000 (Whole/Decimal Numbers) ● Two step word problems with Money	● Lesson 16 - Dividing by 10, 100 and 1000 ● Lesson 17 - Dividing 3-Digit and 4-Digit Numbers ● Lesson 18 - Dividing 4-Digit Numbers ● Lesson 19 - Dividing with Remainder Fractions ● Lesson 1 - Dividing to Make Fractions ● Lesson 2 - Writing Improper Fractions and Mixed Numbers ● Lesson 3 - Finding Equivalent Fractions ● Lesson 4 - Comparing and Ordering Fractions ● Lesson 5 - Comparing and Ordering Fractions ● Lesson 6 - Comparing and Ordering Fractions ● Lesson 7 - Making Number Pairs ● Lesson 8 - Adding Fractions ● Lesson 9 - Adding Fractions ● Lesson 10 - Adding Fractions ● Lesson 11 - Adding Fractions - Mixed Numbers ● Lesson 12 - Subtracting Fractions ● Lesson 13 - Subtracting Fractions ● Lesson 14 - Subtracting Fractions - Mixed Numbers ● Lesson 15 - Multiplying Fractions by Whole Numbers ● Lesson 16 - Multiplying Fractions by Whole Numbers ● Lesson 17 - Multiplying Mixed Numbers ● Lesson 18 - Multiplying Mixed Numbers by Whole Numbers	Same Denominator - Add and subtract Fractions with Different Denominators - Multiply Fractions Z. 1-26 AA. 1-10 BB. 1-
Spring 1	Teaching focus for Assertive Mentoring skills. ● Rounding Whole Numbers to Million ● Simple one/two step problems ● Multiply by 1 digit by 4 digit ● Multiply 10, 100, 1000 (Whole/Decimal Numbers) ● Adding/subtracting Fractions ● Converting mixed number to improper fractions ● Values of decimal notation ● Rounding decimals to the nearest whole, tenth thousands ● Stage 4 - 10-15 Teaching focus for Number Talks ● Comparing Fractions - Equivalent Fractions ● Divide by 10, 100, 1000 (Whole/Decimal Numbers)	Fractions Consolidation 1 Week Decimals ● Lesson 1 - Writing Decimals ● Lesson 2 - Reading and Writing Decimals ● Lesson 3 - Reading and Writing Decimals ● Lesson 4 - Comparing Decimals ● Lesson 5 - Comparing Decimals ● Lesson 6 - Comparing Decimals ● Lesson 7 - Writing Fractions as Decimals ● Lesson 8 - Adding and Subtracting Decimals ● Lesson 9 - Adding and Subtracting Decimals ● Lesson 10 - Adding and Subtracting Decimals ● Lesson 11 - Adding and Subtracting Decimals ● Lesson 12 - Adding and Subtracting Decimals ● Lesson 13 - Adding and Subtracting Decimals ● Lesson 14 - Adding and Subtracting Decimals ● Lesson 15 - Rounding Decimals Percentages ● Lesson 1 - Comparing Quantities ● Lesson 2 - Finding Percentages ● Lesson 3 - Finding Percentages	Decimals - Decimals up to hundredth - Decimals up to thousandth - Add and subtract decimals - Multiply and divide decimals DD 1-23 EE 1-23 FF1-18 GG1-6
Spring 2	Teaching focus for Assertive Mentoring skills. ● Rounding Whole Numbers to Million ● Simple one/two-step problems ● Multiply 10, 100, 1000 (Whole/Decimal Numbers) ● Adding/subtracting Fractions ● Converting mixed numbers to improper fractions ● Values of decimal notation ● Rounding decimals to the nearest whole, tenths, thousandths ● identify Prime numbers/common factors ● Stage 5 Weekly Check 1-5	Measurements ● Lesson 1 - Converting Units of Length ● Lesson 2 - Converting Units of Length ● Lesson 3 - Converting Units of Length ● Lesson 4 - Converting Units of Length ● Lesson 5 - Converting Units of Mass ● Lesson 6 - Converting Units of Mass ● Lesson 7 - Converting Units of Mass ● Lesson 8 - Converting Units of Mass ● Lesson 9 - Converting Units of Time ● Lesson 10 - Converting Units of Time	● Units of Measure - Measurement - Angles -Time ● T1_16 ● S1-15 ● V1-8

Maths - Curriculum Map

	Teaching focus for Number Talks - Comparing Fractions - Equivalent Fractions - Ordering decimals	Lesson 11 - Converting Units of Time Lesson 12 - Converting Units of Time Lesson 13 - Converting Units of Time Lesson 14 - Telling the Temperature Geometry Lesson 1 - Knowing Types of Angles Lesson 2 - Measuring Angles Lesson 3 - Measuring Angles Lesson 4 - Investigating Angles on a Line Lesson 5 - Investigating Angles at a Point Lesson 6 - Drawing Angles Lesson 7 - Drawing Lines and Angles Lesson 8 - Describing Squares and Rectangles Lesson 9 - Investigating Angles in Squares and Rectangles	
Summer 1	Teaching focus for Assertive Mentoring skills. - Rounding Whole Numbers to Million - Simple one/two step problems - Multiply by 1 digit by 4 digit - Multiply 10, 100, 1000 (Whole/Decimal Numbers) - Adding/subtracting Fractions - Converting mixed numbers to improper fractions - Values of decimal notation - Rounding decimals to the nearest whole, tenth thousands Stage 4 - 10-15 Teaching focus for Number Talks - Comparing Fractions - Equivalent Fractions - Divide by 10, 100, 1000 (Whole/Decimal Numbers)	Shape Lesson 1 - Finding the Perimeter Lesson 2 - Finding the Perimeter Lesson 3 - Finding the Perimeter Lesson 4 - Using Scale Diagrams to Find the Perimeter Lesson 5 - Measuring the Area Lesson 6 - Measuring the Area Lesson 7 - Measuring the Area Lesson 8 - Measuring the Area Lesson 9 - Measuring the Area Lesson 10 - Measuring the Area Lesson 11 - Estimating the Area Volume Lesson 1 - Understanding the Volume of Solids Lesson 2 - Finding the Volume of Solids Lesson 3 - Finding the Volume of Solids Lesson 4 - Finding the Capacity of Rectangular Boxes Lesson 5 - Finding the Capacity of Rectangular Boxes Lesson 6 - Converting Units of Volume Lesson 7 - Converting Units of Volume Lesson 8 - Converting Units of Volume Lesson 9 - Solving Word Problems Involving Volume	- Perimetre - Area - geometric measurement - U.1-9 - X.1-5 - Y.1 -22 - W.1-9
Summer 2	Teaching focus for Assertive Mentoring skills. - Rounding Whole Numbers to Million - Simple one/two-step problems - Multiply by 1 digit by 4 digit - Multiply 10, 100, 1000 (Whole/Decimal Numbers) - Adding/subtracting Fractions - Converting mixed numbers to improper fractions - Values of decimal notation - Rounding decimals to the nearest whole, tenth thousands Stage 4 - 10-15 Teaching focus for Number Talks - Comparing mixed numbers - Add/Subtract decimals - Multiply and divide decimals	Consolidation - Arithmetic focus - Four operations with whole numbers - Arithmetic focus - Four operations with fractions - Arithmetic focus - Four operations with decimals - Rapid Reasoning Year 5 - Week 15 - 25	Consolidation - All skills based on gaps

Maths - Curriculum Map

YEAR 6			
Term	Fluency Number Talks / Assertive Mentoring / Rapid Reasoning	Maths No Problem/ White Rose	Suggested IXL
Autumn 1	Teaching focus for Assertive Mentoring skills. • Rounding Whole Numbers to Million • Simple one/two-step problems • Count through 0 to include negative numbers • Stage 5 Weekly Check 1-7	• Numbers to 10,000, 1,000,000, 10,000,000 • Compare and order numbers any numbers • Round any number • Negative Numbers (in context) • Add/subtract whole numbers with more than 4 digits • Add/subtract integers • Multiply up to 4-digit numbers a 4-digit numbers by a 2-digit number • Divide up to 4-digit numbers by a 2-digit number • Factors, primes to 100 • Order of operations • Reasoning with facts	Number - Place Value - Addition - Multiplication Division - Number Theory A.1 -16 B. 1-11 C.1-6 D. 1-25 F. 1-19 G. 1-9 O. 1-6 P. 1-3
Autumn 2	Teaching focus for Assertive Mentoring • Rounding Decimal Numbers • Identify/find factors and primes • Roman Numerals • Simple one/two step problems • Count through 0 to include negative numbers Stage 5 Weekly Check 8-12 Teaching Focus for Rapid Reasoning (Desmos Focused) • reading, writing, ordering and comparing numbers up to 10,000,000 • • rounding numbers to any degree of accuracy • • using negative numbers in context, including calculating intervals across zero • • recognising the place value of each digit in a number up to 10,000,000.	• Equivalent, Simplify, Compare and order fractions/improper fractions and mixed numbers • Add/subtract fractions, improper fraction and mixed numbers • Multiply, divide fractions, improper fraction and mixed numbers • Fractions of amounts - find the whole • Multiply/divide by 10,100 and 1000 • Multiply/divide integers • Decimals as fractions • Fractions to decimals • understanding percentages, fractions as percentages, percentages of amounts, percentages missing values	Fractions - Decimals - Percentages - Money H.1-21 I.1-9 J.1-14 K.1-11 L.1-19 M.1-26 N.1-24 T.1-10 U.1-12
Spring 1	Teaching focus for Assertive Mentoring • Rounding Decimal Numbers • Identify/find factors and primes • Roman Numerals • Simple one/two step problems • Count through 0 to include negative numbers • Convert fraction to a decimal and fraction • two step money problems • Stage 5 & 6 Weekly Check 13-15 1-3 Teaching Focus for Rapid Reasoning (Desmos Focused) • associate a fraction with division and calculate decimal fraction equivalents [for example for a simple fraction • • identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places • multiply one-digit numbers with up to two decimal places by whole numbers. • identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places • multiply one-digit numbers with up to two decimal places by whole numbers.	Algebra • Find a rule - One step/Two step • Forming expressions - Substitution - Formulae - Forming Equations • Solve simple equations and find pairs of values Measurement • Metric Measures • calculate with metric measures • miles to kilometres • Imperial measures • Area and perimeter, area of a triangle, parallelogram • Volume Ratio • Ration and fractions • calculating ratio • using scale factors • ratio and proportion	Equations & variable - Measurement - Ratio - Data Handling - Time Coordinate Plane X1.-20 BB.1-17 S.1-12 U.1-12 Year 8 S1-4 AA.1-10 Y 1-28

Maths - Curriculum Map

Spring 2	Teaching focus for Assertive Mentoring • Rounding Decimal Numbers • Identify/find factors and primes • Roman Numerals • Simple one/two step problems • Count through 0 to include negative numbers • Convert fraction to a decimal and fraction • two step money problems • Stage 5 & 6 Weekly Check 13-15 1-3 Teaching Focus for Rapid Reasoning (Desmos Focused) • associate a fraction with division and calculate decimal fraction equivalents [for example for a simple fraction • • identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places • multiply one-digit numbers with up to two decimal places by whole numbers. • identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places • multiply one-digit numbers with up to two decimal places by whole numbers.	Quadrants • Translation, reflection and rotation Graphs • Line Graphs, circles, read and interpret pie charts • Draw pie charts The Mean, mode and median Angles • Measuring with a protractor • angles on a straight line • Angles around a point • calculate angles • vertically opposite angles • angles and triangles, in regular polygons	Coordinate Plane - Year 6-8 - Data Handling Year 7 - Symmetry and Transformations - FF.1-11 Year 8 S1-4 DD.1-9
Summer 1	Teaching focus for Assertive Mentoring • Count through 0 to include negative numbers • Convert fraction to a decimal and percentage • two step money problems • Measure, Position and Direction • Stage 6 Weekly Check 3-10 Teaching Focus for Rapid Reasoning (Desmos Focused) • recognise that shapes with the same areas can have different perimeters and vice versa • recognise when it is possible to use formulae for area and volume of shapes. • to calculate the area of parallelograms and triangles • solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts • solve problems involving unequal sharing and grouping using knowledge of fractions and multiples. • solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison • solve problems involving similar shapes where the scale factor is known or can be found. • recognise that shapes with the same areas can have different perimeters and vice versa • recognise when it is possible to use formulae for area and volume of shapes	• Draw shapes accurately • Draw Nets of 3-D shapes • Review and consolidation of content.	Geometric Measurement - Triangles and quadrilaterals EE.1-15 HH.1-18
Summer 2	Teaching focus for Assertive Mentoring • Count through 0 to include negative numbers • Convert fraction to a decimal and percentage • two step money problems • Measure, Position and Direction • Stage 6 Weekly Check 10-15	Consolidation, investigations and preparations for KS3	