

HOLY CROSS C OF E PRIMARY SCHOOL

LONG TERM MATHEMATICS PLAN – BREAKDOWN OF LESSONS / PROGRESSION

This long term plan is mostly taken/adapted from The White Rose Maths Schemes of Learning for Mixed age classes with the intention that resources and lesson are taken mostly from the scheme. Teachers are expected to use the ‘Ready to Progress’ criteria to assess and adapt lessons to provide appropriate learning for children working below the expected standard and to provide appropriate interventions.

		<u>Attenborough Class</u>		<u>Seacole Class</u>		<u>Einstein Class</u>	
Lesson overview		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
AUTUMN TERM							
WK 1	1	Sort up to 10 objects	Count forwards & backwards within 20 R	Represent numbers to 100 R	Represent numbers to 100 R	Numbers to 10,000	Numbers to 10,000 R
	2	Count objects to 10	Tens & ones within 20 R	Tens & ones using addition R	100's, 10's & 1's R	Numbers to 100,000	Numbers to 100,000 R
	3	Count objects from a group of 10	Count forwards & backwards within 50 R	Numbers to 1,000	Count in 1000's	Numbers to a million	Numbers to a million R
	4	Represent up to 10 objects	Tens & ones within 50 R	Numbers to 1,000	Numbers to 1,000 R	Compare & order numbers to 100,000	Numbers to 1 million
	5	Represent numbers to 10	Compare numbers within 50 R	Numbers to 1,000 on a place value grid ACTIVITY	Represent numbers to 10,000 ACTIVITY	Compare & order numbers to a million	
WK 2	1	Count forwards to 10	Count objects to 100	100's, 10's & 1's (1)	1000's, 100's, 10's & 1's	Rounding to 10, 100 & 1000	Round numbers 10, 100 and 1,000 R
	2	Count backwards from 10	Read & Write numbers to 100 in numerals & words	100's, 10's & 1's (2)	Partitioning	Round numbers within 100,000	Round numbers within 100,000

	3	Count one more for numbers within 10	Represent numbers to 100 ACTIVITY	Number line to 100 R	Number line to 1,000 R	Round numbers to one million	Round any number
	4	Count one less for numbers within 10	Represent numbers to 100	Number line to 1,000	Number line to 10,000	Negative numbers	Negative numbers (in context)
	5	Counting ACTIVITY	Tens & ones using a whole-part model	Find 1, 10, 100 more or less	Find 1,10, 100 more or less R	Counting in 10s, 100s, 1000s, 10,000s & 100,000's	Negative numbers (more abstract)
WK 3	1	One to one correspondence	Tens & ones using addition	Compare objects	Find 1,000 more or less	Roman numerals	Roman numerals
	2	Compare up to 10 objects	Use a place value chart	Compare numbers	Compare 4-digit numbers	Mini-assessment	Mini-assessment
	3	Introduce <, > and = for numbers within 10	Compare objects	Ordering numbers	Order numbers	Add two 4-digit numbers with more than one exchange R	Add two 4-digit numbers - more than one exchange (Use Y5) R
	4	Compare numbers within 10	Compare numbers	Count in 50's	Count in 25's	Add whole numbers with more than 4 digits	Add whole numbers with more than 4 digits R
	5	Comparing ACTIVITY	Order objects and numbers	Roman numerals	Roman numerals	Subtract two 4-digit numbers with more than one exchange R	Subtract two 4-digit numbers – more than one exchange (Use Y5) R
WK 4	1	Order up to 10 objects	Count in 2's R	During this week, teachers may decide to recap previous place value content or teach Y4 content to	Round to the nearest 10	Subtract whole numbers with more than 4 digits	Subtract whole numbers with more than 4 digits R
	2	Order numbers up to 10	Count in 5's R		Round to the nearest 100	Inverse operations (addition and subtraction)	Inverse operations (addition and subtraction) R

	3	Ordinal numbers	Count in 10's R	all children. Year 3 will repeat this content next year in Year 4	Round to the nearest 1,000	Multi-step addition and subtraction problems	Multi-step addition and subtraction problems R
	4	Number line from 0-10	Count in 3's		Introducing negative numbers ACTIVITY	Round to estimate and approximate	Add and subtract integers
	5	Mini-assessment	Mini-assessment		Negative numbers	Multiply 3-digits by 1-digit (Y4) R	Multiply 3-digits by 1-digit (Y4) R
WK 5	1	Introducing parts and wholes (single)	Fact families – bonds to 20	Add and subtract multiples of 100	Add and subtract multiples of 100 R	Multiply 4-digits by 1-digit (Use Y6)	Multiply 4-digits by 1-digit R
	2	Parts and wholes ACTIVITY (groups)	Check calculations	Add and subtract 100s	Add and subtract 100s R	Multiply 2-digits (area model) (Use Y6)	Multiply 2-digits (area model) R
	3	Part-whole model with images	Compare number sentences	Spot the pattern - making it explicit	Add and subtract 1s, 10s, 100s and 1,000s	Multiply 2-digits by 2-digits (Use Y6)	Multiply 2-digits by 2-digits R
	4	Part-whole model	Know your bonds	Add and subtract 3-digit and 1-digit numbers - not crossing 10	Add two 3-digit numbers – not crossing 10 or 100 R	Multiply 3-digits by 2-digits (Use Y6)	Multiply 3-digits by 2-digits R
	5	Addition symbol	Related facts	Add 3-digit and 1-digit numbers - crossing 10	Add two 4-digit numbers – no exchange	Multiply 4-digits by 2-digits (Use Y6)	Multiply up to a 4-digit number by a 2-digit number
WK 6	1	Fact families – addition facts	Bonds to 100 (tens)	Add and subtract 3-digit and 2-digit numbers - not crossing 100	Add 3-digit and 2-digit - cross 100 R	Divide 2-digits by 1-digit (1) R	Divide 4-digits by 1-digit R
	2	Find number bonds within 10	Add and subtract 1's	Add 3-digit and 2-digit - cross 100	Add two 3-digits cross 10 or 100 R	Divide 2-digits by 1-digit (2) R	Divide with remainders R

	3	Systematic methods for bonds within 10	10 more, 10 less	Add 2-digit and 3-digit numbers - crossing 10 or 100	Add two 4-digit numbers - one exchange	Divide 3-digits by 1-digit R	Short division
	4	Number bonds to 10	Add and subtract 10's	Add two 3-digit numbers - not crossing 10 or 100	Add two 4-digit numbers - more than one exchange	Divide 4-digits by 1-digit (Use Y6)	Division using factors
	5	Compare number bonds	Add by making 10 R	Add two 3-digit numbers - crossing 10 or 100	Consolidation of addition	Divide with remainders (Use Y6)	Long division (1)
WK 7	1	Addition – adding together	Add 2-digit and 1-digit crossing 10	Subtract a 1-digit number from a 3-digit number - crossing 10	Subtract a 3-digit number from a 3-digit number - no exchange R	Multiply by 10, 100 and 1,000	Long division (2)
	2	Addition – adding more	Add 2-digit and 1-digit crossing 10	Subtract a 2-digit from a 2-digit - crossing 10 R	Subtract two 4-digit numbers - no exchange	Divide by 10, 100 and 1,000	Long division (3)
	3	Addition – adding more	Subtraction – crossing 10 R	Subtract a 2-digit number from a 3-digit number - crossing 100	Subtract a 3-digit number from a 3-digit number – exchange R	Multiples of 10,	100 and 1,000 Long division (4)
	4	Addition – using bonds	Subtract 2-digits crossing 10	Subtract a 2-digit number from a 3-digit number - crossing 10 or 100	Subtract two 4-digit numbers - one exchange	Factors	Factors R
	5	Finding a part	Mixed addition and subtraction - ACTIVITY	Subtract a 3-digit number from a 3-digit number - no exchange	Subtract two 4-digit numbers - more than one exchange	Common factors	Common factors
WK 8	1	Subtraction – taking away – crossing out	Add 2-digit numbers – not crossing 10	Subtract a 3-digit number from a 3-	Consolidation of subtraction	Multiples	Common multiples

				digit number - exchange			
	2	Subtraction – taking away - symbol	Add 2-digit numbers – crossing 10	Mixed addition and subtraction problems	Efficient Subtraction	Prime numbers activity	Mental calculations and estimation
	3	Subtraction – find a part	Subtract 2-digits – not crossing 10	Estimate answers to calculations	Estimate answers	Prime numbers	Primes to 100
	4	Fact families – the 8 facts	Subtract 2-digits – crossing 10	Check answers	Checking strategies	Square numbers	Squares and cubes
	5	Subtraction – counting back	Mixed addition and subtraction ACTIVITY	Mini-assessment	Mini-assessment	Cube numbers	Order of operations
WK 9	1	Subtraction – finding the difference	Find and make number bonds R	Multiplication-equal groups	Multiplication-equal groups R	Consolidation of four operations	Reason from known facts
	2	Subtraction – finding the difference	Bonds to 100 – tens and ones	Using arrays R	Using arrays R	Mini- assessment	Mini-assessment
	3	Compare + and – ($a + b > c$)	Add three 1-digit numbers	2 times table R	2 times table R	Equivalent fractions R	Equivalent fractions R
	4	Compare + and – ($a + b > c + d$)	Mini-assessment	5 times table R	5 times table R	Equivalent fractions	Simplify fractions
	5	Mini-assessment	Recognising coins and notes	10 times table R	10 times table R	Improper fractions to mixed numbers	Improper fractions to mixed numbers R
WK 10	1	Recognise and name 3D shapes	Count money - pence	Make equal groups - sharing R	Multiply by 10	Mixed numbers to improper fractions Tue Thu Fri	Mixed numbers to improper fractions R
	2	Sort 3D shapes	Count money – pounds (coins and notes)	Make equal groups – grouping R	Multiply by 100	Number sequences	Fractions on a number line

	3	Recognise and name 2D shapes	Count notes and coins	Divide by 2 R	Divide by 10	Wed Compare fractions less than 1	Compare and order (denominator)
	4	Sort 2D shapes	Select money	Divide by 5 R	Divide by 100	Order fractions less than 1	Compare and order (numerator)
	5	Patterns with 3D and 2D shapes	Make the same amount	Divide by 10 R	Multiply by 1 and 0	Compare fractions greater than 1	Compare fractions greater than 1 (Y5) R
WK 11	1	Count forwards & backwards & write numbers to 20	Compare money	Multiply by 3	Divide by 1 and itself	Order fractions greater than 1	Order fractions greater than 1 (Y5) R
	2	Numbers from 11-20	Find the total	Divide by 3	Multiply and divide by 3 R	Add and subtract fractions	Add and subtract fractions (1)
	3	Tens and ones	Find the difference	The 3 times-table	The 3 times-table R	Add fractions within 1	Add and subtract fractions activity
	4	Tens and ones	Find change	Thu Multiply by 4	Multiply and divide by 6	Add 3 or more fractions	Add and subtract fractions (2)
	5	Count one more and one less	Two-step problems	Divide by 4	6 times-table and division facts	Add mixed numbers	Add mixed numbers R
WK 12	1	Compare groups of objects	Make equal groups activity R	The 4 times-table	Multiply and divide by 9	Add fractions	Add fractions
	2	Compare numbers	Make equal groups R	Multiply by 8	9 times-table and division facts	Subtract fractions	Subtract fractions (Y5) R
	3	Order groups of objects	Redistribute from unequal to equal groups ACTIVITY	Divide by 8	Multiply and divide by 7	Subtract mixed numbers	Subtract mixed numbers R
	4	Order numbers	Add equal groups R	The 8 times-table	7 times-table and division facts	Subtraction - breaking the whole	Subtract fractions
	5	Mini assessment	Make arrays R	Mini assessment	Mini assessment	Subtract 2 mixed numbers	Mixed addition and subtraction

WK 13	1	<p>Consolidation week. Use this week to recap and consolidate learning from this term.</p> <p>For additional challenge – look at the WRM problems of the day.</p>	<p>Consolidation week. Use this week to recap and consolidate learning from this term. For additional challenge – check out our problems of the day.</p>	Multiply unit fractions by an integer	Multiply fractions by integers
	2			Multiply non-unit fractions by an integer	Multiply fractions by fractions
	3			Multiply mixed numbers by integers	Divide fractions by integers (1)
	4			Calculate fractions of a quantity R	Divide fractions by integers (2)
	5			Fraction of an amount	Fraction of an amount
WK 14	1	<p>Activity week. This week will be providing some themed activities linking to the learning from this term.</p>	<p>Activity week. This week we will be providing some themed activities linking to the learning from this term.</p>	Using fractions as operators	Fraction of an amount - find the whole
	2			Fraction problem solving	Four rules with fractions
	3			Mini-assessment	Mini-assessment
	4			<p>Activity days. We will be providing some themed activities linking to the learning from this term.</p>	
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Lesson Overview		Attenborough Class		Seacole Class		Einstein Class	
SPRING TERM		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Wk 1	1	Consolidation week. Use this week to re-cap and consolidate learning from the Autumn term. For additional challenge – look at the WRM problems of the day.	Recognise equal groups	Consolidate 2, 4 and 8 times-tables	11 and 12 times-table	Decimals up to 2 d.p.	Decimals up to 2 d.p. R
	2		Make equal groups	Comparing statements	Multiply 3 numbers	Decimals as fractions (1)	Decimals as fractions
	3		Add equal groups	Related calculations	Factor pairs	Decimals as fractions (2)	Decimals as fractions (2) R
	4		Multiplication sentences using the x symbol	Multiply 2-digits by 1-digit - no exchange - activity	Efficient multiplication	Understand thousandths	Understand Thousandths R
	5		Multiplication sentences from pictures	Multiply 2-digits by 1-digit (1)	Written methods	Thousandths as decimals	Three decimal places
WK 2	1	Add by counting on within 20 ACTIVITY	Use arrays	Multiply 2-digits by 1-digit - exchange - activity	Multiply 2-digits by 1-digit	Rounding decimals Tue Wed Thu Fri	Rounding decimals R
	2	Add by counting on within 20	Make doubles R	Multiply 2-digits by 1-digit (2)	Multiply 2-digits by 1-digit	Order and compare decimals	Fractions to decimals (1)
	3	Add ones using number bonds ACTIVITY	2 times tables	Scaling	Multiply 3-digits by 1-digit	Understand percentages	Fractions to decimals (2)
	4	Add ones using number bonds	5 times tables	Divide 2-digits by 1-digit (1)	Divide 2-digits by 1-digit	Fractions to percentages (Use Y6)	Fractions to percentages
	5	Find and make number bonds to 20	10 times tables	Divide 2-digits by 1-digit (2)	Divide 2-digits by 1-digit (1)	Percentages as fractions and decimals	Percentages as fraction & decimals R

WK 3	1	Add by making 10 ACTIVITY	Make equal groups - sharing	Divide 100 into 2, 4, 5 and 10 equal parts - ACTIVITY	Divide 2-digits by 1- digit	Equivalent FDP	Equivalent FDP
	2	Add by making 10	Make equal groups - sharing	Divide with remainders ACTIVITY	Divide 2-digits by 1- digit (2)	Adding decimals within 1	Order FDP
	3	Subtract - not crossing 10	Make equal groups - grouping	Divide 2-digits by 1- digit (3)	Divide 3-digits by 1- digit	Subtracting decimals within 1	Percentage of an amount (1)
	4	Subtract - not crossing 10 (counting back)	Make equal groups - grouping	How many ways?	Correspondence problems	Compliments to 1	Percentage of an amount (2)
	5	Subtract - crossing 10 (counting back)	Sharing and grouping ACTIVITY	Mini-assessment	Mini-assessment	Add decimals – crossing the whole	Percentage (missing value)
WK 4	1	Subtraction – crossing 10 (1)	Divide by 2	Equivalent lengths (m and cm)	Equivalent lengths (m and cm) R	Add decimals with same number of decimal places	Add decimals with same number of decimal places
	2	Subtraction – crossing 10 (2)	Odd and even numbers	Equivalent lengths (mm and cm)	Equivalent lengths (mm and cm) R	Subtract decimals with same number of decimal places	Subtract decimals with same number of decimal places
	3	Related facts	Divide by 5	Measure length	Kilometres	Add decimals with a different number of decimal places	Add decimals with a different number of decimal places
	4	Compare number sentences	Divide by 10	Measure length (m) R	What is area? Counting squares	Subtract decimals with different number of decimal places	Subtract decimals with different number of decimal places
	5	Mini assessments	Mini assessments	Compare lengths R	Making shapes	Add and subtract wholes as decimals	Add and subtract wholes as decimals
WK 5	1	Counting to 50 – by making 10's ACTIVITY	Make tally charts ACTIVITY	Compare lengths	Comparing area	Multiply decimals by 10,100 and 1,000	Multiply by 10, 100 and 1,000

	2	Numbers to 50	Make tally charts	Add lengths	Add lengths R	Divide decimals by 10, 100 and 1,000	Divide by 10, 100 and 1,000
	3	Counting forwards and backwards within 50	Draw pictograms (1:1) ACTIVITY	Subtract lengths	Subtract lengths R	Decimal sequences	Multiply decimals by integers
	4	Tens and ones	Draw pictograms (1:1)	What is perimeter? ACTIVITY	Measure perimeter R	Consolidations of FDP	Divide decimals by integers
	5	Represent numbers to 50	Interpret pictograms (1:1)	Measure perimeter	Perimeter on a grid	Mini-assessment	Division to solve problems
WK 6	1	One more one less ACTIVITY	Draw pictograms (2,5 and 10) ACTIVITY	Calculate perimeter	Perimeter of a rectangle	Kilometres (Use Y4) R	Metric measures
	2	One more one less	Draw pictograms (2,5 and 10)	Calculate perimeter	Perimeter of rectilinear shapes	Kilograms and kilometres	Convert metric measures
	3	Compare objects within 50	Interpret pictograms (2,5 and 10)	Mini-assessment	Mini-assessment	Millimetres and millilitres	Calculate with metric measures
	4	Compare numbers within 50	Block diagrams	Unit fractions R	Unit and non-unit fractions R	Metric units	Miles and kilometres
	5	Order numbers within 50	Mini assessment	Non-unit fractions R	What is a fraction?	Imperial units	Imperial measures
WK 7	1	Count in 2's ACTIVITY	Recognise 2D and 3D shapes	Tenths	Tenths	Converting units of time Tue	Find a rule – one step
	2	Count in 2's	Make 2D and 3D shapes - ACTIVITY	Count in tenths	Count in tenths	Timetables	Find a rule – two step
	3	Count in 5's ACTIVITY	Count sides on 2D shapes	Equivalence of a half and 2 quarters R	Equivalent fractions (1)	Consolidation of multiplication and division	Forming expressions
	4	Count in 5's	Count vertices on 2D shapes	Equivalent fractions (1)	Equivalent fractions (2)		Substitution

	5	Mini assessment	Draw 2D shapes	Equivalent fractions (2)	Equivalent fractions (1)		Formulae
WK 8	1	Compare lengths ACTIVITY	Lines of symmetry (1)	Equivalent fractions (3)	Equivalent fractions (2)	Consolidation of Fractions, Decimals and Percentages	Forming equations
	2	Compare heights ACTIVITY	Lines of symmetry (2)	Count in fractions R	Fractions greater than 1		Solve simple one-step equations
	3	Compare lengths and heights	Sort 2D shapes	Fractions on a number line	Count in fractions		Solve two-step equations
	4	Measuring lengths (non-standard units) ACTIVITY	Make patterns with 2D shapes	Add fractions	Add fractions R		Find pairs of values (1)
	5	Measure length (1)	Count faces on 3D shapes	Making the whole	Add 2 or more fractions		Find pairs of values (2)
WK 9	1	Introducing the ruler ACTIVITY	Count edges on 3D shapes	Subtract fractions	Subtract fractions R	Measure perimeter	Area and perimeter
	2	Measure length (2)	Count vertices on 3D shapes	Compare fractions	Subtract 2 fractions	Perimeter on a grid R	Shapes – same area
	3	Adding length problems	Sort 3D shapes	Order fractions	Subtract from whole amounts	Perimeter of rectangles R	Area of a triangle (1)
	4	Subtracting length problems	Make patterns with 3D shapes	Fractions of a set of objects (1)	Fractions of a set of objects (1)	Perimeter of rectilinear shapes R	Area of a triangle (2)
	5	Mini assessment	Mini assessment	Fractions of a set of objects (2)	Fractions of a set of objects (2)	Calculate perimeter	Area of a triangle (3)
WK 10	1	Introducing weight and mass ACTIVITY	Working with parts and wholes ACTIVITY	Fractions of a set of objects (3) Tue Wed Thu Fri	Calculate fractions of a quantity	Counting squares R	Area of a parallelogram
	2	Introducing weight and mass	Make equal parts	Consolidation of Fractions	Problem solving - calculate quantities	Area of rectangles	Using ratio language

	3	Measure mass	Recognise a half	Mini-assessment	Mini-assessment	Area of compound shapes	Ratio and fractions
	4	Compare mass	Find a half	Consolidation of Fractions	Tenths and hundredths activity	Area of irregular shapes	Introducing the ratio symbol
	5	Weight and mass problems	Recognise a quarter		Recognise tenths and hundredths	Mini-assessment	Calculating ratio activity
WK 11	1	Introduce capacity and volume ACTIVITY	Find a quarter	Tenths as decimals (Use Y4) Tue Wed	Tenths as decimals	Interpret charts R	Calculating ratio
	2	Introduce capacity and volume	Recognise a third	Tenths on a place value grid(Use Y4)	Tenths on a place value grid	Comparison, sum and difference R	Using scale factors
	3	Measure capacity	Find a third	Tenths on a number line (Use Y4)	Tenths on a number line	Read and interpret tables	Calculating scale factors
	4	Compare capacity	Unit fractions	Consolidation- time to consolidate the learning from the term	Divide 1-digit by 10	Two way tables	Ratio and proportion problems
	5	Mini assessment	Non-unit fractions		Divide 2-digits by 10	Timetables	Ratio and proportion problems (2)
WK 12	1	Activity week- This week we will be providing some themed activities linking to the learning from this term	Equivalence of a half and two quarters	Activity week- This week we will be providing some themed activities linking to the learning from this term	Hundredths	Activity week. This week we will be providing some themed activities linking to the learning from this term.	
	2		Find three quarters		Hundredths as decimals		
	3		Count in fractions		Hundredths on a place value grid		
	4		Problem solving with fractions		Divide 1 or 2-digits by 100		
	5		Mini assessment		Mini assessment		

Lesson Overview		Attenborough Class		Seacole Class		Einstein Class	
SUMMER TERM		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
WK 1	1	Consolidation week. Use this week to re-cap and consolidate learning from the Spring Term.	Compare lengths and heights R	Measure mass (1)	Bonds to 10 and 100 R	Introduce line graphs R	Introduce line graphs (Use Y5)
	2		Measure length (1) R	Measure mass (2)	Make a whole	Read and interpret line graphs	Read and interpret line graphs
	3		Measure length (2) R	Compare mass	Write decimals activity	Draw line graphs	Draw line graphs
	4		Measure length (cm)	Add and subtract mass	Write decimals	Use line graphs to solve problems	Use line graphs to solve problems
	5		Measure length (mm)	Measure capacity (1)	Compare decimals	Consolidation of statistics	Circles
WK 2	1	Count in 2's	Compare lengths	Measure capacity (2)	Order decimals		Read and interpret pie charts
	2	Count in 5's	Order lengths	Compare capacity	Round decimals ACTIVITY		Pie charts with percentages
	3	Count in 10's ACTIVITY	Four operations with lengths	Add and subtract capacity	Round decimals		Draw pie charts
	4	Count in 10's	Problem solving with lengths	Temperature	Halves and quarters		The mean
	5	Make equal groups ACTIVITY	Mini assessment	Mini-assessment	Mini-assessment	Mini-assessment	Mini-assessment

WK 3	1	Make equal groups	Describe position (1)	Count money – pence R	Pounds and pence	What is volume? Tue Wed Thu Fri	What is volume? R
	2	Add equal groups	Describe position (2)	Count money – pounds R	Ordering money	Compare volume	Volume - counting cubes
	3	Make arrays ACTIVITY	Problem solving with position	Pounds and pence	Estimating money	Estimate volume	Volume of a cuboid
	4	Make arrays	Describe movement ACTIVITY	Convert pounds and pence	Convert pounds and pence R	Estimate capacity	Consolidate volume
	5	Make doubles	Describe movement	Add money	Add money R	Mini-assessment	Mini-assessment
WK 4	1	BANK HOLIDAY	BANK HOLIDAY	Bank holiday	Bank holiday	Bank holiday	Bank holiday
	2	Make equal groups - grouping	Describe turns	Subtract money	Subtract money R	Measure with a protractor (1)	Measure with a protractor
	3	Make equal groups – sharing ACTIVITY	Describe turns and movement ACTIVITY	Give change	Find change R	Identify angles R	Introduce angles
	4	Make equal groups – sharing	Describe movement and turns	Working with money activity (Use Y4)	Four operations	Compare and order angles R	Calculate angles
	5	Mini assessment	Making patterns with shapes	Mini-assessment	Mini-assessment	Calculate angles on a straight line	Vertically opposite angles
WK 5	1	Making half ACTIVITY	Consolidation and problem solving	Consolidation week	Symmetry activity	Calculating angles around a point	Angles in a triangle
	2	Making a whole - ACTIVITY			Horizontal and vertical R	Measure angles in degrees	Angles in a triangle – special cases
	3	Find a half (1)			Lines of symmetry	Triangles R	Angles in a triangle – missing angles
	4	Find a half of a quantity - ACTIVITY			Complete a symmetric figure	Quadrilaterals R	Angles in special quadrilaterals

	5	Find a half (2)			Mini-assessment	Draw lines and angles accurately	Angles in regular polygons
WK 6	1	Make a quarter - ACTIVITY		O'clock and half past R	Describe position	Regular and irregular polygons	Draw shapes accurately
	2	Find a quarter (1)		Quarter past and quarter to R	Draw on a grid	Reasoning about 3-D shapes	Draw nets of 3-D shapes
	3	Find a quarter of a quantity - ACTIVITY		Months and years	Move on a grid	Describe position R	The first quadrant
	4	Find a quarter (2)		Hours in a day	Describe movement on a grid	Position in the first quadrant	Four quadrants
	5	Mini assessment		Telling time to 5 minutes R	Mini-assessment	Translation	Translations
WK 7	1	Describe turns - ACTIVITY	Telling the time to the hour R	Telling the time to 5 minutes Tue Wed Thu Fri	Telling the time to 5 minutes R	Translation with coordinates Tue Wed Thu Fri	Translation with coordinates (Use Y5)
	2	Describe turns	Telling the time to half past the hour R	Telling the time to the nearest minute	Telling the time to the minute R	Lines of symmetry R	Lines of symmetry (Use Y5)
	3	Describe position (1)	O'clock and half past	Using a.m. and p.m.	Using a.m. and p.m. R	Complete a symmetric figure R	Complete a symmetric figure (Use Y5)
	4	Describe position (2)	Quarter past and quarter to	24-hour clock	24-hour clock R	Reflection	Reflections
	5	Mini assessment	Telling the time to 5 minutes	Finding the duration	Hours, minutes and seconds	Reflection with coordinates	Reflection with coordinates (Use Y5)
WK 8	1	Counting to 100 by making 10's ACTIVITY	Writing time R	Comparing durations	Years, months, weeks and days	Teachers may choose to use this time for	Themed projects supplied by White

