

	Group: Year:								
	Year 5								
		Autumn							
	read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	Spring							
	_	Summer							
en		Autumn							
e val	count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	Spring							
plac	, ,	Summer							
Number - number and place value	interpret negative numbers in context, count forwards and	Autumn							
nber	terpret negative numbers in context, count forwards and backwards with positive and negative whole numbers,	Spring							
- nur	including through zero	Summer							
per		Autumn							
Nun	round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000	Spring							
		Summer							
		Autumn	-			- 87	В		
	solve number problems and practical problems that involve all of the above	Spring							
		Summer							

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	Group: Year:								
	Year 5								
	add and subtract whole numbers with more than 4 digits,	Autumn							
_	including using formal written methods	Spring							
actio	(columnar addition and subtraction)	Summer							
subtraction		Autumn							
and si	add and subtract numbers mentally with increasingly large numbers	Spring							
on a	, A	Summer							
addition		Autumn							
	use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy	Spring							
Number -		Summer							
Ž	solve addition and subtraction multi-step problems	Autumn					В		
	solve addition and subtraction multi-step problems in contexts, deciding which operations	Spring	///						
	and methods to use and why	Summer							

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	Group:								
	Year 5								
		Autumn							
	identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers	Spring							
	·	Summer							
	la con control de la control d	Autumn							
	know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers	Spring							
		Summer							
Number - multiplication and division	actablish whather a number up to 100 is prime	Autumn							
div:	establish whether a number up to 100 is prime and recall prime numbers up to 19	Spring							
and		Summer							
tion	multiply numbers up to 4 digits by a one- or twodigit	Autumn							
olicat	number using a formal written method, including long multiplication for two-digit numbers	Spring							
ultip	multiplication for two-digit numbers	Summer							
E .'	multiply and divide numbers mentally drawing	Autumn							
Jber	upon known facts	Spring							
Nun	<u> </u>	Summer							
	divide numbers up to 4 digits by a one-digit number using	Autumn							
	the formal written method of short division and interpret	Spring							
	remainders appropriately for the context	Summer				8	k		
		Autumn							
	multiply and divide whole numbers and those involving decimals by 10, 100 and 1000	Spring	- //						
		Summer							



G	iroup: Year:								
	Year 5								
		Autumn							
_	recognise and use square numbers and cube numbers, and the notation for squares (²) and cubed (³)	Spring							
division		Summer							
	solve problems involving multiplication and division	Autumn							
าก an	olve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes	Spring							
catic	and multiples, squares and cubes	Summer							
multiplication and	solve problems involving addition, subtraction,	Autumn							
- 1	multiplication and division and a combination of these,	Spring							
Number	including understanding the meaning of the equals sign	Summer							
Nur	solve problems involving multiplication and division,	Autumn					В		
	including scaling by simple fractions and problems involving simple rates	Spring	177						
	involving simple rates	Summer							

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G	roup: Year:								
	Year 5								
		Autumn							
	compare and order fractions whose denominators are all multiples of the same number	Spring							
es	'	Summer							
percentages	identify, name and write equivalent fractions of a given	Autumn							
ercei	fraction, represented visually, including tenths	Spring							
and pe	and hundredths	Summer							
als ar	recognise mixed numbers and improper fractions and	Autumn							
cima	convert from one form to the other and write	Spring							
g de	mathematical statements > 1 as a mixed number	Summer							
inipr		Autumn							
(incl	add and subtract fractions with the same denominator and denominators that are multiples of the same number	Spring							
ons	· A. A.	Summer							
racti		Autumn							
er - f	multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	Spring							
Number - fractions (including decimals		Summer					6		
ž		Autumn					В		
	read and write decimal numbers as fractions	Spring							
		Summer		\/\(\)	No.				

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	Group: Year:								
	Year 5								
		Autumn							
	recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	Spring							
		Summer							
ges		Autumn							
enta	round decimals with two decimal places to the nearest whole number and to one decimal place	Spring							
perc	·	Summer							
and		Autumn							
nals	read, write, order and compare numbers with up to three decimal places	Spring							
decir	' '	Summer							
ding		Autumn							
ncluc	solve problems involving number up to three decimal places	Spring							
i) suc		Summer							
Number - fractions (including decimals and percentages	recognise the per cent symbol (%) a <mark>nd</mark> understand that per	Autumn							
ber -	cent relates to 'number of parts p <mark>er hu</mark> ndred', an <mark>d wr</mark> ite percentages as a fraction with denominator 100, and as a	Spring							
Num	decimal	Summer							
	solve problems which require knowing percentage and	Autumn		_		£	B		
	decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25	Spring							
	nactions with a denominator of a multiple of 10 of 23	Summer		11/1					



	Group: Year:								
	Year 5								
	convert between different units of metric measure	Autumn							
	(for example, kilometre and metre; centimetre and millimetre;	Spring							
	gram and kilogram; litre and millilitre)	Summer							
	understand and use approximate equivalences between	Autumn							
	metric units and common imperial units	Spring							
	such as inches, pounds and pints	Summer							
	and a control of the late the control of a control of	Autumn							
	measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres	Spring							
±		Summer							
mer	calculate and compare the area of rectangles (including	Autumn							
sure	squares), and including using standard units, square centimetres (cm²) and square metres (m²) and estimate	Spring							
Measurement	the area of irregular shapes	Summer							
	estimate volume [for example, using 1 cm³ blocks to	Autumn							
	build cuboids (including cubes)] and capacity	Spring							
	[for example, using water]	Summer							
		Autumn							
	solve problems involving converting between units of time	Spring							
	between units of time	Summer					}		
	use all four operations to solve problems involving	Autumn		- IA					
	measure [for example, length, mass, volume, money]	Spring							
	using decimal notation, including scaling	Summer							



	Group: Year:			•						
	Year 5									
		Autumn								
	identify 3-D shapes, including cubes and other cuboids, from 2-D representations	Spring								
		Summer								
		Autumn								
	know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles	Spring								
sec		Summer								
shal		Autumn								
es of	draw given angles, and measure them in degrees (°)	Spring								
perti		Summer								
Geometry - properties of shapes	identify angles at a point and one whole turn (total 360°);	Autumn								
netry	angles at a point on a straight line and 21 a turn (total	Spring								
jeor.	180°); other multiples of 90°	Summer								
O		Autumn								
	use the properties of rectangles to deduce related facts and find missing lengths and angles	Spring								
		Summer								
		Autumn	4				- 82	В		
	distinguish between regular and irregular polygons based on reasoning about equal sides and angles	Spring								
		Summer								



	Group: Year:							
	Year 5							
and direction		Autumn						
ו and di	identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.	Spring						
Position		Summer						

	A.	Autumn							
	solve comparison, sum and differ <mark>en</mark> ce problems <mark>usin</mark> g information presented in a line graph	Spring							
tics		Summer							
 Statistics		Autumn					}		
	complete, read and interpret information in tables, including timetables	Spring							
		Summer			1717		, y/		

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