Year 5 2023-24 Maths Overview

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 1	Week 2	Wee	Week 4	Week 5	Week 6	Week 7
numbers up thousand, te hundred, ter Order and cc including orc line. Read and wr words and fi Count forwa powers of 10 for any given Round any n nearest 10, 1 Solve number	value of each digit to 100,000 (hundr en thousand, thous ns, ones) ompare numbers t dering numbers on ite numbers up to	red sand, to 100,000 n a number 100,000 in s in steps of 0, 10 000,) 0,000 000 to the ctical	 Addition and 3 Add and subtranumbers with digits, using for methods (coluand subtractic tricky question repeated carry repeated exch 32,005 – 9,342 > Use rounding answers to cal determine, in a problem, lev accuracy. Solve addition and multi-step problem deciding which ope methods to use an 	act whole more than 4 mrmal written mnar addition on). Including ns such as ying or anging E.g. 2 to check culations and the context of rels of subtraction ns in contexts, erations and	numbers menta upon known fac > Mult together e.g. 4 > > Mult whole numbers involving decim: and 1000 > Mult digit numbers b number using w for multiplicatio expanded meth moving onto sho multiplication.	some measure) iply and divide Ily drawing ts. iply 3 numbers 5 x 12 iply and divide (and those als) by 10, 100, iply 2 and 3 y a 1 digit ritten methods n using od if necessary ort iply numbers ts by a one ing formal s for All ARE pupils g this challenging es.) with up to 4 umbers using	Half term	 4 digits formal short d withou moving ARE put this cor challen sentence Interpr approp solve p multipl includin knowle multipl cubes solve p additio multipl and a c these, i unders of the e 	et remainders viately in contexts. roblems involving ication and division, ng using their edge of factors and es, squares and roblems involving n, subtraction, ication and division combination of including tanding the meaning equals sign	 A A A A M M<	enominator iompare and enominator umber. ecognise an f common e dentify, nam f a given fra ncluding ten ecognise mi ractions and ther and wr s a mixed nu /5 = 1 1/5 dd and subt enominator nultiples of t Aultiply prop	d show, usin quivalent fra ne and write ction, repres ths and hund xed numbers convert from ite mathema umber [for ex- ract fraction and denomi he same num per fractions nbers, suppo	ons whose ne. ons whose ciples of the same g diagrams, families actions. equivalent fractions ented visually, dredths. s and improper n one form to the tical statements > 1 cample, 2/5 + 4/5 = s with the same nators that are	 Number > Count backwards through zero to include negative numbers. > Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers through zero. > Solve number problems and practical problems involving all of the above

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							Spring Tern	ı				
Week		Week 3	Week 4	Week 5	Week 6	Week 7	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
 Value Identii each a numb 000 (a hundri ten th thous tens, Order numb Order numb Order a num Count Count backw of pow (e.g.1 10 00 any gi to 100 Round up to the ne 1000, 000. Solve proble proble 	and compare hers up to 1 000 holuding ing numbers or her line. t forwards and vards in steps wers of 10 0, 100, 1000, 0,100 000) for iven number up 00,000 d any number 1 000 000 to earest 10, 100, 10 000, 100 number ems and cal problems ring all of the	 Course Recognory Recognory Find tidentifying hundredth Round Round Round Round Round Round Round Recognory Recognor	the effect of dividing a 1 or the value of the digits in t s d decimal with one decima d decimals with two decim d to one decimal place bare numbers with the san aces. gnise and use thousandths s and decimal equivalents and write decimal numbe write, order and compare ply and divide (whole num d 1000 and subtract decimal number with subtract decimal stat	d and dividing tenths al equivalent of any nu- 2 digit number by 10 he answer as ones, te al place to the nearest hal places to the nearest ne number of decimal and relate them to te rs as fractions [for exa e numbers with up to abers) and those invol pers up to 2 decimal p are compliments of e	by ten. umber of tenths and 100; enths and t whole number. est whole I places up to 2 enths, ample, 0.71 = three decimal ving decimals by places e.g. 5.67 – each other e.g.	Half term	 example centimet millilitre Understa between as inches Measure rectilines Calculate squares) centimet estimate Estimate build cut example solve pro minutes, to days (read, wr digital 12 Solve pro time. Use all for measure using de 	between different u , kilometre and met tre and millimetre; g and and use approxi metric units and co s, pounds and pints e and calculate the p ar shapes in centime e and compare the a , including using sta tres (cm ²) and squar e the area of irregula e volume [for examp poolds (including cube , using water] oblems involving cor	re; centimetre ram and kilogr mate equivaler mmon imperia erimeter of co tres and metre rea of rectang ndard units, sq e metres (m ²), r shapes le, using 1 cm ³ ess)] and capaci everting from h s, years to mon between anal s (recap) nverting betwee lve problems ir h, mass, volum iding scaling	and metre; am; litre and nces al units such mposite es les (including uare and blocks to ty [for nours to ths, weeks ogue and en units of nvolving he, money]	 acute, obtuse and reflex and Draw given angles, and m Identify angles at a point a Identify angles at a point of (total 1800) Identify other multiples of Use the properties of rect find missing lengths and and 	d in degrees: estimate and compare ngles leasure them in degrees (o) and one whole turn (total 3600) on a straight line and 2 1 a turn 900 langles to deduce related facts and ngles ular and irregular polygons based

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					Summer Term									
Week 1	Week 2	Week 3	Wee	Week 5	Week 6		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
 Week 1 to decimal of Multiply provided whole num diagrams. Solve pro- division, i and proble Recognise understar parts per fraction w decimal Solve proble percentage 2,5, 4/5 and 	cimals and Percer orecap previously bijectives where r roper fractions and hers, supported blems involving in ncluding scaling b lem solving involve the per cent syn hd that per cent r hundred', and wr with denominator ems which requir and decimal equit those fractions we e of 10 or 25.	v taught fraction needed. d mixed num by materials a multiplication of y simple fraction ing simple rate nbol (%) and elates to 'nun ite percentag 100, and as a e knowing valents of ½,	bers by and and tions tes. hber of es as a ¼, 1/5,	 Measurement: Time (Yea) Tell and write the time from including clocks with Roma accuracy to the nearest mile Record and compare time in hours and o'clock; use voca morning afternoon, noon a Know the number of secon days in each month and da Convert between different example hours to minut compare durations of ex- calculate the time taken tasks]. Read, write and convert tim digital 12 and 24 hour clock Solve problems converting minutes to seconds; years to 	n an analogue clock, n numerals with increasing nute. n terms of seconds, minutes, bulary such as am/ pm, nd midnight. ds in a minute, number of ys in a year/ leap year. ent units of measure, for es. vents [for example to by particular events or ne between analogue and ts. from hours to minutes;	Half term	Geometry: Properties of shape ➤ Compare and classify geometric shapes, including quadrilate rals and triangles based on their properties ➤ Identify 3- D shapes, including cubes and other cuboids, from 2-D represent ations ➤ Distinguis h between regular and irregular polygons based on reasoning about equal sides and angles	Geometry: Position and direction → Des cribe positions on a 2-D grid as coordinates in the first quadrant → Des cribe movements between positions as translations of a given unit to the left/right and up/down → Plot specified points and draw sides to complete a given polygon, including drawing pairs of axis in one quadrant. Read, write and use pairs of coordinates including using ICT tools.	Asses sment Week > Read Rom an num erals to 1000 (M) ad reco gnis e year s writt en as Rom an num erals to 1000 (M) ad reco gnis e year s vritt en as Rom an num erals to 1000 (M) ad reco s vritt e s vritt e	common factors of ➤ Know and use the vo	factor pairs and nental calculations. If factors, including nirs of a number, and two numbers. cabulary of prime ctors and composite ers number up to 100 is a	 and cor data us approping graphic method includir charts a graphs Solve compar sum an- differer problem informa present charts, pictogra 	c discrete atinuous ing riate al ls, g bar and time ison, d ns using ation ar ams, and other ation of present	