<u>Year 1</u>

| Year Group | Y1 | | Term | Aut | umn | | | | | | |
|--|---|--------|--|---|---|--|---|--|--|--|---------|
| Week 1 Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Wee | ek 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| backwards, beginnin from any given numl Count, read and writ in numerals and wor Identify and represe objects and pictorial including the numbe language of: equal to than (fewer), most, le | ValueWeek 2Week 3Week 4Week 5Week 6er: Place ValueIto ten, forwards and vards, beginning with 0 or 1, or iny given number.Number: Addition and SubtractionNumber: Addition and Subtraction, read and write numbers.Represent and use number bonds and related subtraction facts (within 10), read and write numbers to 10 herals and words.Add and subtract one digit numbers (to 10), including zero.y and represent numbers using ing the number line, and use the age of: equal to, more than, less fewer), most, least.Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.a number, identify one more or iss.Solve one step problems | | within 10) one digit including nterpret tements (+), d equals roblems ion and g concrete rial ind missing | Geometry: Recognise name com and 3D sh including r squares, c triangles, c triangles, c pyramids a spheres. Describe p direction a movement whole, hall and three of turns | and mon 2D apes, ectangles, ircles and suboids, and position, nd , including f, quarter | Number: Place Count to twent and backward with 0 or 1, fro number. Count, read at numbers from numerals and Identify and re numbers using pictorial repre- including the r and use the la equal to, more than (fewer), r Count in multij and fives | ty, forwards s, beginning m any given nd write 1 to 20 in words. present g objects and sentations number line, nguage of: e than, less nost, least. | Subtraction Represent bonds and facts within Add and si two digit ni including z Read, writi mathemati involving a (-) and equ Solve one involve add using conc pictorial re | and use nu related sub o 20. ubtract one (umbers to 2 ero. e and interpi cal statemei ddition (+), s ials (=) sign step probler dition and su rete objects presentation mber proble | traction digit and 0, ret nts subtraction s. ms that ubtraction, and is, and | |

| Year Gro | up | Y1 | Terr | m s | Spring | | | | | | |
|--|--|--|--|---|---|---|--|--|---|---------|----------|
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Time Tell the time and half past and draw the clock face to times. Recognise a language rel dates, includ the week, we months and Compare, de solve practic for time [for a quicker, slow later] and me begin to reco (hours, minu seconds) Sequence ex chronologica using langua example, be after, next, fi yesterday, to morning, afte | the hour hands on a show these ating to ling days of beks, years. escribe and al problems example, ver, earlier, easure and ord time tes, vents in al order lige [for fore and rst, today, smorrow, | Place Value Count to 40 ft backwards, b 0 or 1, or fron number. Count, read a numbers from numerals and Identify and rr numbers usin pictorial repre Given a numt more or 1 less | eginning with n any 1.40 in words. epresent g objects and sentations. per, identify 1 | Number: Addition and Subtraction Add and subtract one digit and two digit numbers to 20, including zero. Read, write and interpret mathematical statements involving addition (+), subtraction (-), and equals (=) signs. Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representation ns and missing number problems. | Measures: Length and height Compare, describe and solve practical problems for: lengths and heights for example, long/short, longer/short, longer/short, double/half Measure and begin to record lengths and heights. | Number: Mu and Divisior Count in mu twos, fives a Solve one s problems in multiplicatio division, by the answer concrete ob pictorial representati arrays with support of th teacher. | 1 Iltiples of and tens. tep volving n and calculating using using jects, ions and the | Number: Fr Recognise, name a half two equal p object, shar quantity. Recognise, name a qua of four equa object, shar quantity. | find and as one of arts of an e or find and rter as one I parts of an | | seasonal |
| Year Grou | р | Y1 | Term | Sur | nmer | | | | | | |

| Week 1 We | eek 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
|--|--|--|---|---|---|---|--|---|---|---------|---------|
| Place Value Count to and across 10 backwards, beginning v given number. Count, read and write i numerals and words. Identify and represent and pictorial represent number line, and use ti more than, less than, n Given a number, identi less. | numbers f numbers f tations incl the languag most, least | t, or from any from 1-100 in using objects luding the ge of: equal to, | Represent ar subtraction f Add and sub numbers to 2 Read, write a statements ii and equals (= Solve one ste and subtract pictorial repr problems. Count in mul Solve one ste multiplicatio answer using | r Operations id use number bor acts within 20. tract one digit and 10. including 0. and interpret mathin volving addition (-) signs. ep problems that in ion, using concret esentations, and r tiples of twos, five p problems involv n and division, by i concrete objects, ons and arrays wit | two digit ematical +) subtraction (-) nvolve addition e objects and missing number es and tens. ring calculating the pictorial | Measurement Recognise and value of differ denomination and notes. Solve one step that involve ac subtraction, us concrete objec pictorial repre and missing nu problems. | know the ent s of coins ldition and sing ets and sentations, | Measurement: <u>Volume</u> Compare, desc practical probl mass/weight [f heavy/light, he lighter than]; c volume [for exp than, half, half Measure and b mass/weight, c volume. | ribe and solve ems for for example, avier than, apacity and ample, ore than, less full, quarter] opegin to record | | |

<u>Year 2</u>

| Number – place value Count in steps of 2, 3 and 5 from 0 and in tens from any number, forward and backward.Number – addition and subtraction and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.Measurement: length and mass Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) and mass (kg/g) to the nearest appropriate unit, using rulers and scales.Multiplication and Division Recall and use addition and Subtraction facts to 20 facts for the 2, 5 and 10 including recognising od number.Recognise the place value of each digit in a two digit number (tens, ones)Number cannot.Multiplication and Division mass construct simple pictograms, tally charts, blockMultiplication and Division Recall and use multiplication facts for the 2, 5 and 10 including: a two digit numbers, adding three one digit numbers.Measurement: length and mass construct simple pictograms, tally charts, blockMultiplication and Division facts for the 2, 5 and 10 including: a two digit numbers, adding three one digit numbers.Number - addition and subtraction and use the inverse relationship between addition and subtraction and use the inverse repeated addition, musticMultiplication an | Year Gro | oup | Y2 | Term | A | utumn | | | | | | |
|--|---|---|---|--|---|--|--|---|--|--|---|---|
| Count in steps of 2, 3 and 5 from 0 and in tens from any number, forward and backward.Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.Interpret and apropriate standard units to estimate and measure length/height in any direction (m/cm) and mass (kg/g) to the nearest appropriate unit, using rulers and scales.Interpret and facts for the 2, 5 and 10 including recognising od numbers.Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.Interpret and appropriate standard units to estimate and measure length/height in any direction (m/cm) and mass (kg/g) to the nearest appropriate unit, using rulers and scales.Recall and use multiplication facts for the 2, 5 and 10 including recognising od numbers.Identify, represent and estimate numbers to 100 using different representations including the number line.Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.Recall and use multiplication facts for the 2, 5 and 10 construct including recognising od numbers. | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Compare from 0 up to 100; use <, > and = signs.Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.Solve problems with addition and subtraction: using concrete objects in category and sorting the category and sorting by quantity.Show that the multiplicat number by another cannot up another cannot by quantity.Use place value and number facts to solve problems.Solve problems with addition and subtraction: using categories about totalling and comparing categorical dataAsk and comparing categorical dataSolve problems with addition and subtraction: using categories | Count in step 5 from 0 and any number, backward. Recognise th of each digit number (tens Identify, repr estimate nur using differe representatio the number I Compare an numbers frou use <, > and Read and wi to at least 10 and words. | ps of 2, 3 and in tens from forward and the place value in a two digit s, ones) resent and mbers to 100 nt ons including line. d order m 0 up to 100; = signs. rite numbers 20 in numerals | Recall and use ac fluently, and deriv Show that the ad any order (comm from another can Add and subtract pictorial represen digit number and two digit numbers Recognise and us addition and subt calculations and subt calc | addition and su ve and use rel Idition of two n nutative) and s nnot. t numbers usir ntations, and n l ones; a two d s; adding three traction and us solve missing with addition a and pictorial n reeasing knowl | btraction fac ated facts up umbers can ubtraction of entally, inclu- igit number a e one digit nu- relationship se this to che number prob nd subtractio itiles and me | b to 100. be done in one number objects, uding: a two and tens; two umbers. between cck blems. on: using uns, including assures; | mass Choose and i appropriate s to estimate a length/height direction (m/c (kg/g) to the r appropriate u rulers and sc Compare and and mass an | use tandard units nd measure in any m) and mass nearest nit, using ales. d order length d record the | Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. Ask+ answer simple questions by counting the number of objects in each category and sorting the categories by quantity. Ask and answer questions about totalling and comparing categorical | Recall and us facts for the 2 including rec numbers. Calculate ma multiplication the multiplication the multiplication the multiplication the multiplication the multiplication solve problem and division, repeated add multiplication problems in o Show that the numbers can (commutative | se multiplication 2, 5 and 10 time ognising odd an and division w tables and wri tion (x), division gn. ms involving m using materials lition, mental m and division fa contexts. e multiplication be done in any and division (a | es tables, id even ements for ithin the te them using n (+) and ultiplication s, arrays, ethods and ccts, including of two y order |

| Week 1 Week 2 Week 3 | Week 4 Week 5 Week 6 | | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
|--|--|--|--|--|-------------------------|--|---------------------|---------|----------|
| Measurement: Money Recognise and use symbols of pounds (£) and pence (p); combine amounts to make a particular value. Find different combinations of coins that equal the same amounts of money. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. | Geometry: Pr Identify and o 2D shapes, in sides and line line. Identify and o 3D shapes, in edges, vertic Identify 2D sl shapes, [for e cylinder and a Compare and shapes and e Order and an mathematica sequences. | lescribe the p neluding the r e symmetry ir describe the p neluding the r es and faces. hapes on the example, a cir a triangle on d sort commo everyday obje range combin | voperties of number of n a vertical oroperties of number of surface of 3D rcle on a a pyramid]. n 2D and 3D octs. nations of | and ³ / ₄ of a le quantity. Write simple | find, name angth, shape | and write fract e, set of object or example, ½ nce of $\frac{2}{4}$ and | ts or e of 6 = 3 | | seasonal |

| Year Gro | oup | Y2 | Terr | n Su | mmer | | | | | | |
|---|--|--|--|-----------------------|----------|--------|--------|--------|---------|---------|---------|
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Measuremen Tell and writ five minutes, quarter past, and draw the clock face to times. Know the nu minutes in an number of he Compare and intervals of t | e the time to including to the hour hands on a show these mber of hour & the ours in a day. | Measurement Choose and u appropriate s units to estim measure capa and temperat the nearest a unit, using the and measurin Compare and volume/capae record the res >, < and =. | se tandard ate and acity (I/mI) ure (°C) to ppropriate ermometers g vessels. order city & | <u>Post SATs Proj</u> | ect Work | | | | | | |

<u>Year 3</u>

| Year Group | | | Y3 | т | erm | Autu | Imn | | | | | | |
|---|--|--|---|---|---|--|----------------------|--|---|---|--|---|--|
| Week 1 We | ek 2 | We | eek 3 | Week 4 | Weel | k5 We | ek 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Number – place val Identify, represent a estimate numbers of different representa Find 10 or 100 mor- less than a given number; recognise place value of each in a three digit num (hundreds, tens, on Compare and order numbers up to 1000 Read and write num up to 1000 in nume and in words. Solve number prob and practical proble involving these idea Count from 0 in mu of 50 and 100 | and using titions. e or the digit ber ues). | Add a three s. and t Add a using and s t Estim inver: Solve probl more s | e-digit num tens; a thre g formal wr subtraction nate the ar 'se operation e problems | act number ber and or ee digit nu act number ritten meth n. nswer to a ions to che s, including g number | rs mentall nes; a thre imber and rs with up nods of co calculatio eck answe g missing facts, plac | y, including: ee-digit num I hundreds. I to three digi Jumnar addii on and use ers. number ce value, and | iber its, tion | Recall and u the 3, 4 and Calculate ma and division them using t equals (=) si Solve proble using materi methods, an including pro- Show that m done in any | ultiplication ar ise multiplication 8 multiplication athematical st within the mu he multiplication gns. ems involving r als, arrays, re d multiplication oblems in cont multiplication of order (commu- mother cannot | on and divisic in tables. atements for ri tliplication tab on (x), divisioi multiplication i peated additic n and divisior ext. f two numbers itative) and di | nultiplication les and write n (+) and and division, n, mental facts, | Measurement Measure, co and subtract (m/cm/mm). Solve proble including mis number prob number facts value, and m complex add subtraction. Measure the of simple 2D Continue to using the ap tools and un progressing wider range measures, ir comparing a mixed and s equivalents of units. | mpare, add : lengths ms, ssing Jems, using s, place iore lition and perimeter shapes. measure propriate its, to using a of ncluding indu sing imple |

| Year G | roup | Y 3 | Term Spring | | | | | | | | |
|---|---|---|--|---|---|--|--|---|--|---|---|
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Recall and use facts for the 3 tables. Solve problems inve division, posit and correspo objects are co Write and cal statements for using the muli including for 1 one-digit num | olving multipli tive integer sca ndence proble onnected to <i>m</i> culate mathen or multiplication tiplication tab | n and division iplication issing number cation and aling problems ms in which <i>n</i> objectives. natical on and division les they know, bers times ental methods | Measurement Tell and write the clock, including 12-hour and 24 Estimate and re- accuracy to the Record and com- seconds, minute Use vocabulary morning, aftern Know the number year and leap yr Compare duratic calculate the tir events or tasks] | using Rom -hour clock ad time win nearest mini- pare time es and hour such as o'c coon, noon her of secor r of days in ear. | an numerals, s. th increasing nute. in terms of rs. lock, am/pm, and midnight. and midnight. ds in a minute each month, nts [for example | and non-unit Recognise, fir objects: unit i denominator: Count up and Recognise tha 10 equal part quantities by | d use fractions of fractions with s and and write fra fractions and no s. down in tenths at tenths arise fi s and in dividing | mall denomina octions of a disc on-unit fractior s. rom dividing au | ators. crete set of is with small n object into | end of th consol gap filling activities, a | beginning or e term for idation, i, seasonal ssessments, tc. |

| Year Group | Y3 | | Term | Summer | | | | | | |
|--|---|---------------|--|--|---|--|--|---|---|---------------|
| Week 1 Week 2 | Week 3 | Week 4 | Week | 5 Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Number: Fractions Recognise and show, u fractions with small der Add and subtract fracti denominator within on Compare and order un with the same denomin Solve problems that inv | nominators. ons with the sam e whole. t fractions, and fi nators. | e ractions | Recognise a property of description Identify rigl recognise ti angles mak make three and four a d identify wh greater tha right angle. Identify hor vertical line perpendicu lines. Draw 2-D sl D shapes us materials. Recognise 3 | i shape or a of a turn. ht angles, hat two right e a half-turn, three e quarters of a turn complete turn; ether angles are n or less than a rizontal and es and pairs of ilar and parallel hapes and make 3- sing modelling 3-D shapes in rientations and | (m/cm/mm); Solve problem using number addition and s Continue to m units, progres including com example, 1kg | - npare, add and mass (kg/g); vo ns, including mi facts, place val | lume/capacity ssing number lue, and more he appropriate wider range of ng mixed units simple equival | r (I/mI). problems, complex e tools and f measures, (for | Statistics Interpret and present data using bar charts, pictograms and tables. Solve one- step and two-step questions (for example, 'How many more?' and 'How many fewer?') using information presented in scaled bar charts and pictograms and tables. | Consolidation |

<u>Year 4</u>

| Year Group | Y4 | Т | Ferm | Autumn | | | | | | | |
|---|--|---|---|---|---|--|---|---|--|--|---------|
| Week 1 We | ek 2 W | /eek 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Number – place va Count in multiples 1000. Find 1000 more or number. Count backwards t include negative no Recognise the plac digit in a four digit hundreds, tens and Order and compar- 1000. Identify, represent numbers using diff representations. Round any numbe 100 or 1000. Solve number and that involve all of tf increasingly large p Read Roman num- and know that over system changed to concept of zero an | of 6, 7, 9. 25 less than a g hrough zero imbers. se value of ea number (thou l ones) e numbers be and estimate erent to the neare practical pro ie above and positive numi erals to 100 d time, the nu include the | given to ach usands, eyond e est 10, d with bers. (I to C) umeral | Add and s digits using of columna where app Estimate a to check a Solve addi step proble | addition and subj subtract numbers g the formal writt ar addition and s propriate. and use inverse (answers to a calc ems in contexts, prations and meth | with up to 4 ten methods ubtraction operations ulation. tion two deciding | Recall and u multiplication Use place va and divide m 1; dividing by Recognise a in mental ca Multiply two digit number Solve proble including usi digit number and harder c | ultiplication ar ise multiplication hables up to alue, known a hentally, includ y 1; multiplyin and use factor lculations. digit and threa- r using formal erms involving ing the distribu- sorrespondend connected to r | ion and divisic 12 x 12. nd derived fac ding: multiplyir g together thr pairs and con e digit number written layout multiplying an utive law to mi , integer scali ce problems s | ets to multiply ng by 0 and ee numbers. nmutatively rs by a one d adding, ultiply two ng problems | Measuremen Find the area rectilinear shapes by co squares. | a of |

| Year G | roup | Y4 | Term | Spring | | | | | | | |
|---|--|--|---|--|--|--|---|---|--|---|--|
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| common eq Count up ar hundredths hundred and Solve proble fractions to divide quant the answer | uivalent fract d down in hu arise when d d dividing ten ems involving calculate qua ities, includir s a whole nu otract fractior | undredths; rec lividing an obj iths by ten. g increasingly antities, and fr ng non-unit fra | cognise that lect by one harder ractions to actions where | Time Convert between different units of measure, e.g. hour to minute. Read, write & convert time between analogue and digital 12 and 24 hour clocks. Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days. | number of te Recognise a Find the effe by 10 or 100 the answer a Round decir nearest who Compare nu | and write decimenths or hundre and write decimenths or hundre and write deciment of dividing a b, identifying the as ones, tenths nals with one of le number. Imbers with one of le number. | adths. nal equivalent a one or two c e value of the s and hundred decimal place e same numb | s to $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}$ ligit number e digits in iths. to the er of | Measuremen Solve simple and money p involving frac decimals to th decimal place Estimate, cor and calculate measures, in money in pou pence. | measure roblems tions and wo es. npare different cluding | Time at the beginning or end of the term for consolidation, gap filling, seasonal activities, assessments, etc. |

| Year Gro | up Y | 4 | Term | Summer | | | | | | | |
|--|---|--|---|---|--|--|---|--|---------------------------------|---------|---------|
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Measurement: Perimeter and Length Convert between different units of measure eg kilometre to metre. Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m | Geometry: Angles Identify acute and obtuse angles and compare and order angles up to two right angles by size. Compare and classify geometric shapes, including quadrilateral s and triangles, based on their properties and sizes. | Geometry and Symm Identify li symmetry shapes pr different orientatic Complete symmetry specific li symmetry | metry ines of y in 2D resented in ons. e a simple ic figure wect to a ne of | Geometry: Positi Direction Describe position grid as coordinat quadrant. Describe movem positions as tran- given unit to the and up/ down. Plot specified po sides to complet polygon. | ns on a 2D es in the first ents between slations of a left/ right ints and draw | Statistics Interpret and discrete and c data using ap graphical met including bar time graphs. Solve compar difference pro information p bar charts, pit tables and oth | continuous propriate thods, charts and ison, sum and oblems using presented in ctograms, | Perimeter Measure ar perimeter of figure (inclu centimetres Convert bet units of me example, ki metre] | lometre to ea of rectilinear | | |

<u>Year 5</u>

| Year G | Group | Y5 | Te | ərm | Autumn | | | | | | |
|--|--|---|--|---|--|---|---|--|--|--|--|
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| of powers of up to 100000 Interpret neg count forwar positive and including thr Round any r the nearest 100000 Solve numbe problems that Read Romai | order and d at least 100 he value of e rds or back f 10 for any 00. gative numb rds and bac negative w rough zero. humber up t 10, 100, 100 er problems at involve al n numerals | 0000 and each digit. wards in steps given number wers in context, kwards with hole numbers o 1000000 to 00, 10000 and and practical I of the above. | more than 4 formal writte addition and Use roundin, calculations context of a accuracy. Solve additic step problem | tract numbe ngly large nu tract whole n digits, incluc n methods (i subtraction) g to check a and determi problem, lev on and subtra | rs mentally umbers. numbers with ding using columnar) nswers to ne, in the rels of action multi- | Multiply and known facts. Multiply and 1000. Multiply num number usin long multiplic Divide numb using the for interpret rem Identify mult factor pairs of numbers. Recognise a numbers and (³) Solve proble including usi multiples, so | ultiplication ar divide numbe divide whole i abers up to 4 di g a formal wri cation for 2 dig ers up to 4 dig mal written m hainders appro- iples and factor of a number, a and use square d the notation erns involving i ing their know juares and cut erns involving a h and division ling understan | rs mentally dr numbers by 10 ligits by a one t tten method, in jit numbers. gits by a one c ethod of short opriately for the ors, including f and common fa e numbers and for squared (² multiplication a ledge of factor oes. addition and s and a combin | 0, 100 and or two digit ncluding digit number division and e context. finding all actors of two d cube and cubed and division rs and ubtraction, ation of | Statistics Solve compa and differend using inform presented in graph. Complete, re interpret info tables includ timetables. | e problems ation a line ead and rmation in |

| Year Grou | o l | Y5 | Tern | n S | Spring | | | | | | |
|---|--|---|---|--|---|--|--|---|--|---|---|
| | | | | | | | | | | | |
| Week 1 Number: Fracti Compare and of the same number Identify, name represented vis Recognise mix from one form 1 as a mixed num Add and subtration denominators to Multiply proper supported by n Read and write 7100 Solve problems scaling by simp | order fractic per. and write e- sually incluc ed numbers to the other nber [for ex nct fractions hat are mul fractions an aterials an e decimal nu s involving r | quivalent fracti ling tenths and s and improper and write mat ample $\frac{2}{5} + \frac{4}{5} = \frac{1}{2}$ with the same tiples of the sa nd mixed num d diagrams. Imbers as frac | ions of a giver d hundredths. r fractions and hematical stat $\frac{6}{5} = 1\frac{1}{5}$]. e denominator ame number. bers by whole stions [for exa | n fraction, I convert tements >1 and numbers, mple 0.71 = | numbers with places. Recognise a relate them t decimal equi Round decin places to the and to one d Solve proble three decima Multiply and those involvi and 1000. Use all four o problems inv example, len | order and cor n up to three of o tenths, hund valents. hals with two of nearest whole ecimal place. divide whole in ng decimals b operations to so olving measu gth, mass, vo g decimal nota | decimal andths and dredths and decimal e number number up to numbers and y 10, 100 solve re [for lume, | and underst to 'number of write percen denominator Solve proble knowing per equivalents | he per cent sy and that per c of parts per hu tages as a fra r 100, and as ems which req centage and o of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ h a denomina | ent relates ndred', and iction with a decimal. uire decimal and those | Week 12 Time at the beginning o end of the term for consolidatio , gap filling, seasonal activities, assessment , etc. |

| Year Gro | up | Y5 | Terr | n S | ummer | | | | | | |
|--|--|--|--|--|--|---|---|--|--|---------|---------|
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Geometry: An Know angles a in degrees; es compare acut and reflex ang Draw given ar measure then (°). Identify: angle and one whol 360 °), angles a straight line (total 180°) ot of 90°. | rer measured timate and e, obtuse gles. agles and h in degrees es at a point e turn (total at a point on and ½ a turn | Geometry: Sh Identify 3D sh including cub cuboids, from representatio Use the proper rectangles to related facts a missing length Distinguish be regular and ir polygons base reasoning abo sides and ang | apes, es and other 2D ns. erties of deduce and find ns and angles. etween regular ed on put equal | Geometry: Position and Direction 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. | Measuremen units Convert betw units of metri (for example, cm and m; cm and kg; I and m Understand a approximate between met common imp such as inche pints. Solve problem converting be of time. | een different c measure km and m; n and mm; g ml). nd use equivalences ric units and erial units s, pounds and ns involving | Number: Prime Numbers Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers. Establish whether a number up to 100 is prime and recall prime numbers up to 19. | Perimeter and Area Measure and calculate the perimeter of composite rectilinear shapes in cm and m. Calculate and compare the area of rectangles (including squares), and including using standard units, cm ² , m ² estimate the area of irregular shapes. | Measures: <u>Volume</u> Estimate volume (for example using 1cm ³ blocks to build cubcs) and capacity (for example, using water)). Use all four operations to solve problems involving measure. | | |

<u>Year 6</u>

| Year G | roup | Y6 | Terr | n / | Autumn | | | | | | |
|--|---|---|---|--|--|--|---|--|---|--|---|
| Week 1 | Week | 2 Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Number: pla Read, write compare nu 10 000 000 determine t each digit. Round any number to a degree of a Use negativ context, and intervals ac Solve numb practical pro involve all c | , order and imbers up and he value of whole a required ccuracy. ve numbers d calculate ross zero. ber and bblems tha | division Solve addition in contexts, of to use and w Multiply mult number using multiplication bining Divide numb number using division, and remainders, for the conte Divide numb using the form interpreting r Perform mer operations and Identify common Use their know Solve proble | I-digit number g the formal wi res up to 4 dig g the formal wi interpret rema fractions or by xt. ers up to 4 dig mal written me emainders acc ttal calculation nd large numb non factors, co | ion multi ste operations a up to 4 digits itten methoc itten methoc inders as wf rounding as ts by a 2 dig thod of short ording to co s, including v ers. | p problems and methods s by a 2 digit d of long hit whole d of long hole number appropriate it number t division, ntext. with mixed ples and prations to operations. | fractions in t Compare an Generate ar Add and sut using the co Multiply simp [for example Divide prope Associate a example, 0.3 Recall and u | he same denoted order fracticed describe line that describe line tract fractions incept of equivable pairs of product $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$ and the same product of the same prod | omination. ons, including ear number s s with different valent fraction oper fractions whole numbe livision and ca ole fraction [fo ces between s | equences (with t denomination s. , writing the ar ers [for exampl alculate decima r example $\frac{3}{g}$] simple fraction: | th fractions) as and mixed r aswer in its sin $e \frac{1}{3} + 2 = \frac{1}{6}]$ al fraction equ | numbers, nplest form ivalents [for |

| Year Group | Y6 | Term | Spring |
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|---|--|--|---|---|--|---|---|--|--|---|
| Week 1 Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Number: Decimals dentify the value of each digit in numbers given to three decimal blaces and multiply numbers by 10, 100 and 1000 giving answers up to 3 decimal places (dp). Wultiply one digit numbers with up to 2dp by whole numbers. Use written division methods in cases where the answer has up to two decimal blaces. Solve problems which require answers to be ounded to specified degrees of accuracy. | Number: Percentages Solve problems involving the calculation of percentages [for example, of measures such as 15% of 360] and the use of percentages for comparison. Recall and use equivalences between simple FDP including in different contexts. | measure, us three decim appropriate. Use, read, v standard un measureme volume and of measure versa, using 3dp. Convert beth kilometres. Recognise t areas can h and vice ver Recognise v formulae for shapes. Calculate th and triangle Calculate, e volume of ci standard un | ems involvii and conver- sing decima al places w write and co its, convert its, convert ints of lengt time from a to a larger decimal ne ween miles ave differen rsa. when it is p r area and v e area of p s. estimate and ubes and co its, includir | sion of units of al notation up to where onvert between ting th, mass, a smaller unit unit, and vice otation to up to a and s with the same nt perimeters ossible to use volume of | Number: Alg Use simple f Generate ar linear numb sequences. Express mis problems alg Find pairs of that satisfy a with two unk Enumerate p of combinati variables. | ormulae. d describe er sing number gebraically. i numbers in equation nowns. | Number: R Solve prob involving tr relative siz quantities v missing va be found b integer multiplicatii division fac Solve prob involving si shapes wh scale facto known or c found. Solve prob involving u sharing an grouping u knowledge fractions at multiples. | lems ee es of two where lues can y using on and ts. lems ere the r is an be lems nequal d sing of | Geometry and Statistics Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. Interpret and construct pie charts and line graphs and use these to solve problems. Calculate the mean as an average. | Time at the beginning o end of the term for consolidatio gap filling, seasonal activities, assessment etc. |

| Year Group | Y6 | Terr | n S | ummer | | | | | | |
|--------------------------|----------------|-------------|-------------|--------|--------|--------|--------|---------|---------|---------|
| Week 1 Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Geometry: Properties | Geometry: | Post SATs F | roject Work | | | | • | | | |
| of Shapes | Position and | | | | | | | | | |
| | Direction | | | | | | | | | |
| Draw 2D shapes using | | | | | | | | | | |
| given dimensions and | Describe | | | | | | | | | |
| angles. | positions on | | | | | | | | | |
| | the full | | | | | | | | | |
| Compare and classify | coordinate | | | | | | | | | |
| geometric shapes | grid (all four | | | | | | | | | |
| based on their | quadrants). | | | | | | | | | |
| properties and sizes | | | | | | | | | | |
| and find unknown | Draw and | | | | | | | | | |
| angles in any triangles, | translate | | | | | | | | | |
| quadrilaterals and | simple | | | | | | | | | |
| regular polygons. | shapes on | | | | | | | | | |
| | the | | | | | | | | | |
| Recognise angles | coordinate | | | | | | | | | |
| where they meet at a | plane, and | | | | | | | | | |
| point, are on a straight | reflect them | | | | | | | | | |
| line, or are vertically | in the axes. | | | | | | | | | |
| opposite, and find | | | | | | | | | | |
| missing angles. | | | | | | | | | | |
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