**Term by Term Objectives Year 2**

 **Yearly Overview**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| Autumn | **Number: Place Value** | **Number : Addition and Subtraction** | **Geometry: Properties of Shape** |
| Spring | **Graphs**  | **Multiplication and Division**  | **Number: Fractions** | **Measurement: Length Mass and Time** | **Number : Addition and Subtraction** | **Measurement: Money Addition and Subtraction** |
| Summer | **Number: Fractions** | **Number: Place Value** | **Measurement: Time** | **Measurement: Capacity, Volume and Temperature** | **Consolidation and gap filling in preparation for SATS** | **Post SATs****Consolidation/Gap filling****Problem solving and reasoning questions****Mastery tasks for higher ability for teacher assessment (Greater depth)****Expected tasks for teacher assessment** |

**Number:Fractions Multiplication and Division Measurement: Money Addition and Subtraction Graphs**

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: Place Value**Week 1Recognise the place value of each digit in a two digit number (tens, ones) Week 2Identify, represent and estimate numbers to 100 using different representations including the number line.Week 3 Count in steps of 2, 3 and 5 from 0 and in tens from any number, forward and backward. Week 4 Recognise the place value of each digit in a two digit number (tens, ones) Week 5Compare and order numbers from 0 up to 100; use <, > and = signs.  | Use place value and number facts to solve problems. **Number : Addition and Subtraction**Week 6Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100. Week 7Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two digit number and ones; a two digit number and tens; two two digit numbers; adding three one digit numbers. Week 8Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. Week 9Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.  | Week 11Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line. Week 12Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces. Identify 2D shapes on the surface of 3D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.] Compare and sort common 2D and 3D shapes and everyday objects. Order and arrange combinations of mathematical objects in patterns and sequences.  |

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 |
| **Graphs**Week 1 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 data **Multiplication and Division** | Week 2Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign. Week 3Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.  | **Fractions**Week 4Number – fractions Recognise, find, name and write fractions , and of a length, shape, set of objects or quantity Week 5Write simple fractions for example, ½ of 6 = 3 Recognise the equivalence of 2/4 and ½. **Fractions**Weeks 5, 6, 7 fractions Recognise, find, name and write fractions , and of a length, shape, set of objects or quantityWrite simple fractions for example, ½ of 6 = 3 Recognise the equivalence of 2/4 and ½. Geometry- properties of shape  | **Measurement: Length, Mass and Time**Week 8Choose 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. Week 9Compare and order length and mass and record the results using >, < and =. Tell and write the time to quarter past/to the hour and draw the hands on a clock face to show these times. Know the number of minutes in an hour and the number of hours in a day. Compare and sequence intervals of time. | **Number : Addition and Subtraction****Week 10**Add and subtract numbers using number lines: a two digit number and ones; a two digit number and tens; two two digit numbers; adding three one digit numbers. Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. | **Measurement: Money****Inc. Addition and Subtraction**Week 11Recognise 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. Week 12Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.  |

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**Week 1Number – fractions Recognise, find, name and write fractions , and of a length, shape (more complex e.g. 3/6 is the same as 1/2, set of objects or quantity Write simple fractions for example, ½ of 6 = 3 Recognise the equivalence of 2/4 and ½. Find ½, ¼, and ¾ of amounts. | **Number: Place Value**Week 2Read and write numbers to at least 100 in numerals and words. Number – place value Recognise the place value of each digit in a two digit number (tens, ones) and three digit numbers (hundreds, tens and ones) | **Measurement: Time**Week 3Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times. Know the number of minutes in an hour and the number of hours in a day. Compare and sequence intervals of time.  | **Measurement: Capacity, Volume and Temperature**Week 4Choose and use appropriate standard units to estimate and measure capacity (litres/ml) and temperature (oC) to the nearest appropriate unit, using thermometers and measuring vessels. Week 5Compare and order volume/capacity and record the results using >, < and =.  | **Consolidation and gap filling in preparation for SATS** | **Consolidation/Gap filling****Problem solving and reasoning questions****Mastery tasks for higher ability for teacher assessment (Greater depth)****Expected tasks for teacher assessment** |