|  |
| --- |
| **Year 2** **Year Overview** |
| **Unit** | **Approx Learning Hours** | **Summary of Key Content** |
| 1. Pattern Sniffing | 8 | Counting in 2s, 3s and 5s; recall and use times table facts for theseArrange patterns; recognise odd and even numbers;  |
| 2. Investigating Number Systems | 8 | Reading and writing numbers in words and numerals to 100Recognise place value; compare and order numbers |
| 3. Solving Calculation Problems | 8 | Recall addition and subtraction facts to 20; derive them to 100Add and subtract numbers using objects and pictures up to 2d+1dShow commutativity of addition (and non-commutativity of subtraction)  |
| 4. Exploring Shape | 8 | Identify and describe properties of 2D and 3D shapes |
| 5. Generalising Arithmetic | 8 | Add and subtract numbers using objects and pictures up to 2d+2d and 1d+1d+1dSolving missing number problems using inverse ideaShow commutativity of addition (and non-commutativity of subtraction) |
| 6. Reasoning with Measures | 8 | Use £ and p symbols; find combinations of coins for a given total; solve simple addition and subtraction problems using money |
| 7. Discovering Equivalence | 8 | Recognise, find and name 1/3, ¼, 2/4, ¾ of a length, shape, set of objects or quantityWrite simple fractions and recognise equivalence of 2/4 and ½  |
| 8. Investigating Statistics | 8 | Interpret and construct simple pictograms, tally charts, block diagrams and tablesCount, sort, total and compare categorical data |
| 9. Solving Number Problems | 8 | Calculate and write mathematical statements for multiplication and divisionShow commutativity of multiplication (and non-commutativity of division)Solve simple problems using multiplication and division |
| 10. Reasoning with Fractions | 8 | Recognise, find and name 1/3, ¼, 2/4, ¾ of a length, shape, set of objects or quantity |
| 11. Visualising Shape | 8 | Identify 2D shapes on the surface of 3D shapes |
| 12. Exploring Change | 8 | Sequence time intervalsKnow number of minutes in an hour and hours in a dayTell/show the time to the nearest 5 minutes |
| 13. Proportional Reasoning | 8 | Recall and use 2, 5 and 10 times tablesCalculate and write mathematical statements for multiplication and divisionShow commutativity of multiplication (and non-commutativity of division) |
| 14. Describing Position | 8 | Describe position, direction and movement using mathematical language, distinguishing between straight line movement and rotation |
| 15. Measuring and Estimating | 8 | Choose and use suitable units; compare and order lengths, masses and capacities |

It is down to the individual class teacher to adapt the time, order and duration of each of the units to best suit the children’s needs.