Cavendish School
Believing in Excellence

# Year 2 - Maths Long Term Plan 2022 - 2023

| Stage 2<br>Year Overview | | |
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| **Unit** | **Approx Learning Hours** | **Summary of Key Content** |
| 1. Investigating Number Systems | 8 | Reading and writing numbers in words and numerals to 100<br>Recognise place value; compare and order numbers |
| 2. Pattern Sniffing | 8 | Counting in 2s, 3s and 5s; recall and use times table facts for these<br>Arrange patterns; recognise odd and even numbers |
| 3. Solving Calculation Problems | 11 | Recall addition and subtraction facts to 20; derive them to 100<br>Add and subtract numbers using objects and pictures up to 2d+2d<br>Show commutativity of addition (and non-commutativity of subtraction) |
| 4. Generalising Arithmetic | 10 | Solve addition and subtraction problems with 2-digit numbers<br>Solving missing number problems using inverses |
| 5. Exploring Shape | 8 | Identify and describe properties of 2D and 3D shapes |
| 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<br>8. Reasoning with Fractions | 11 | Recognise, find and name 1/3, ¼, 2/4, ¾ of a length, shape, set of objects or quantity<br>Write simple fractions and recognise equivalence of 2/4 and ½ |
| 9. Solving Number Problems | 12 | Calculate and write mathematical statements for multiplication and division<br>Show commutativity of multiplication (and non-commutativity of division)<br>Solve simple problems using multiplication and division |
| 10. Investigating Statistics | 6 | Interpret and construct simple pictograms, tally charts, block diagrams and tables<br>Count, sort, total and compare categorical data |
| 11. Visualising Shape | 8 | Identify 2D shapes on the surface of 3D shapes |
| 12. Exploring Change | 7 | Sequence time intervals<br>Know number of minutes in an hour and hours in a day<br>Tell/show the time to the nearest 5 minutes |
| 13. Proportional Reasoning | 7 | Recall and use 2, 5 and 10 times tables<br>Calculate and write mathematical statements for multiplication and division<br>Show commutativity of multiplication (and non-commutativity of division) |
| 14. Describing Position | 5 | 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 |

Total = 117 hours ~ 24 weeks with 5 hours teaching per week