| Objectives | Y1 | Y2 | Y3 | Y4 | Y5 | Y6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| National curriculum objectives | -add and subtract onedigit and two-digit numbers to 20, including zero solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7=\mathrm{c}$ - 9 | -add and subtract numbers using concrete objects, pictorial representations, and mentally, including: <br> - a two-digit number and ones <br> -a two-digit number and tens <br> -two two-digit numbers <br> -adding three one-digit numbers <br> -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 | -add and subtract numbers mentally, including: <br> - a three-digit number and ones -a three-digit number and tens -a three-digit number and hundreds -add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction -solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction | -add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate -solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why | -add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) -add and subtract numbers mentally with increasingly large numbers -solve addition and subtraction multistep problems in contexts, deciding which operations and methods to use and why -solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign | -perform mental calculations, including with mixed operations and large numbers -use their knowledge of the order of operations to carry out calculations involving the four operations -solve addition and subtraction multistep problems in contexts, deciding which operations and methods to use and why |
| Dfe ready to progress criteria | 1NF-1 Develop fluency in addition and subtraction facts within 10 | 2NF-1 Secure fluency in addition and subtraction facts within 10, through continued practice. | 3NF-1 Secure fluency in addition and subtraction facts that bridge 10, through continued practice. |  |  | 6AS/MD-1 Understand that 2 numbers can be related additively or multiplicatively, and quantify additive and |

Buckingham Park Cof E Primary School Maths Progression documents


| Power <br> Maths <br> unit/s and <br> when <br> taught in <br> school | Textbook 1A Taught in Autumn Unit 2: Part Whole to 10 - lessons 2-4 (1AS- <br> 1) lesson 6 (1AS-2) <br> Unit 3: Addition within 10 - lesson 3 (1AS-2) <br> Unit 4: Subtraction within 10 - lessons 1,2,8 (1AS-2) <br> Textbook 1B <br> Taught in Spring <br> Unit 7: Addition \& subtraction within 20 lessons 1,2,3,6,8,9,11 (1AS-2) | Textbook 2A <br> Taught in Autumn <br>  <br> Subtraction (1) - lessons <br> 6,7, 10,11,13 (2AS-1) <br> Lesson 3 and 5 (2AS-3) <br>  <br> Subtraction (2) - lesson <br> 7 and 8 (2AS-2) <br> Lesson 2 - (2AS-3) <br> Lessons 3,5 and 6 (2AS- <br> 4) <br> Textbook 2C <br> Taught in Summer <br> Unit 12: Problem solving and efficient methods lesson 9 (2AS-4) | Textbook 3A <br> Taught in Autumn <br>  <br> Subtraction (2) - lesson <br> 9 (3AS-1) <br> Lessons 1,2,4,6,7,8 <br> (3AS-2) <br> Lesson 11 (3AS-3) <br> Unit 4: Multiplication \& Division (1) <br> Textbook 3B <br> Taught in Spring <br> Unit 5: Multiplication \& Division (2) |  |  | Textbook 6A <br> Taught in Autumn <br> Unit 1: Place value <br> within 10,000,000 <br> Unit 2: Four operations <br> (1) - lesson 4 and 5 <br> (6AS-1) <br> Unit 3: Four Operations <br> (2) lesson 10 and 11 <br> (6AS-1) <br> Lesson 12 (6AS-2) <br> Textbook 6B <br> Taught in Spring <br> Unit 8: Algebra - lessons <br> 7,10,11 (6AS-4) <br>  <br> proportion - lessons 1-3 <br> and 7-9 (6AS-3) |
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| Other resources to aid teaching | -Daily Fluent in 5 tasks <br> -White Rose - Autumn <br> 2, Spring 2 <br> -NCETM pages 13-16 <br> https://www.ncetm.or <br> g.uk/media/qipctp24/ <br> mastery assessment y <br> 1.pdf | -Daily Fluent in 5 tasks -White Rose - Autumn 2, <br> - NCETM pages 12-15 https://www.ncetm.org. uk/media/dnobtk14/ma stery assessment yr2.p df | -Daily Fluent in 5 tasks -White Rose - Autumn 2, <br> -NCETM pages 12-15 https://www.ncetm.org. uk/media/oaqfcviq/mas tery assessment y3.pdf | -Daily Fluent in 5 tasks -White Rose - Autumn 2, <br> -NCETM pages 12-14 https://www.ncetm.org. uk/media/x45na0cs/ma stery assessment y4.pd f | -Daily Fluent in 5 tasks -White Rose - Autumn 2, <br> -NCETM pages 11-13 https://www.ncetm.org. uk/media/lp0o2lgv/mas tery assessment y5.pdf | -Daily Fluent in 5 tasks -White Rose - Autumn 2, <br> -NCETM pages 12-14 https://www.ncetm.org. uk/media/uitj1x5g/mast ery assessment y6.pdf |

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## Key: Highlighted objectives above link to the topic of place value taught

Red = calculations
Blue = Problems


[^0]:    Links to further activities to aid teaching:
    White Rose materials link: https://whiterosemaths.co $\mathrm{m} /$ resources? year=year-1-new
    NCETM materials link: https://www.ncetm.org.uk/classroom-resources/exemplification-of-ready-to-progress-criteria/
    NCETM activities link: https://www.ncetm.org.uk/classroom-resources/assessment-materials-primary/ NRICH - PRIMARY CURRICULUM MAP FOR ALL TOPICS
    https://docs.google.com/spreadsheets/d/1bIrdv1M9pKzoKrHeyxT5rkHbJUIJJWjYug2k4Xe9 es/edit\#gid=5 $\underline{98691163}$

