**Power Maths Scheme of Work for Summer 2020 - Year 6**

Working in partnership with White Rose Maths, we have created special summer term Schemes of Work that Power Maths schools can follow in 2020. (These match the Summer Term Plans on the White Rose Maths website.)

These Schemes of Work introduce essential content from Term C alongside the consolidation of crucial number work from Terms A and B, so that children are able to start on next year’s work in September with as little disruption as possible.

To support these schemes of work, we have created **Power Maths Summer Home Editions** for children to work through at home. (These are made up of Textbook and Practice Book pages from all 3 terms.) Power Maths schools can access **free ebooks versions** of these summer editions (your school will receive an email with links to this content), but hard copies of the books are also available for children who are less able to access these online (see [Pearson schools website](https://www.pearsonschoolsandfecolleges.co.uk/Primary/Mathematics/AllMathematicsresources/Power-Maths/power-maths-summer-home-editions.aspx)).

**Week 1**

|  |  |  |
| --- | --- | --- |
| Simplifying fractions (1)\* | Unit 4  | Lesson 1 |
| Comparing and ordering fractions (1)\* | Unit 4 | Lesson 4 |
| Adding and subtracting fractions (1) | Unit 4 | Lesson 6 |
| Adding and subtracting fractions (2) | Unit 4 | Lesson 7 |

**Week 2**

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| Multiplying a fraction by a whole number | Unit 5 | Lesson 1 |
| Multiplying a fraction by a fraction \* | Unit 5 | Lesson 2 |
| Dividing a fraction by a whole number \* | Unit 5 | Lesson 5 |
| Calculating fractions of amounts | Unit 5 | Lesson 8 |

**Week 3**

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| Multiplying by 10, 100 and 1,000 | Unit 7 | Lesson 1 |
| Multiplying decimals \* | Unit 7 | Lesson 6 |
| Dividing decimals \* | Unit 7 | Lesson 8 |
| Decimals as fractions | Unit 7 | Lesson 3 |

**Week 4**

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| Converting fractions to percentages | Unit 8 | Lesson 6 |
| Equivalent fractions, decimals and percentages (1) | Unit 8 | Lesson 7 |
| Equivalent fractions, decimals and percentages (2) | Unit 8 | Lesson 8 |
| Percentage of \* | Unit 8 | Lesson 2 |

**Week 5**

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| Finding a rule \* | Unit 9 | Lesson 2 |
| Using a rule (1) | Unit 9 | Lesson 3 |
| Using a rule (2) | Unit 9 | Lesson 4 |
| Solving equations (1) \* | Unit 9 | Lesson 8 |

**Week 6**

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| Solving equations (2) \* | Unit 9 | Lesson 9 |
| Solving equations (3) \* | Unit 9 | Lesson 10 |
| Converting metric measures | Unit 10 | Lesson 2 |
| Miles and km | Unit 10 | Lesson 4 |

**Week 7**

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| Area and perimeter \* | Unit 11 | Lesson 3 |
| Area of a triangle \* | Unit 11 | Lesson 7 |
| Area of a parallelogram | Unit 11 | Lesson 4 |
| Volume of a cuboid \* | Unit 11 | Lesson 11 |

**Week 8**

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| Ratio (1) | Unit 12 | Lesson 1 |
| Ratio (2) \* | Unit 12 | Lesson 4 |
| Similar shapes | Unit 12 | Lesson 7 |
| Solving problems involving ratio and proportion \* | Unit 12 | Lesson 8 |

**Week 9**

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| Vertically opposite angles | Unit 13 | Lesson 8 |
| Angles in triangles \* | Unit 13 | Lesson 4 |
| Angles in polygons (1) | Unit 13 | Lesson 6 |
| Angles in polygons (2) | Unit 13 | Lesson 7 |

**Week 10**

|  |  |  |
| --- | --- | --- |
| Nets \* | Unit 13 | Lesson 11 |
| Parts of a circle | Unit 13 | Lesson 10 |
| Introducing pie charts | Unit 15 | Lesson 4 |
| The mean \* | Unit 15 | Lesson 1 |

**\***These lessons have very slightly different titles in the children’s book and online ebook (for example, numbers in brackets have been removed to avoid confusion.