Pentagon Overview



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| Unit | Lessons | **Essential knowledge** |
| Numbers and the number system | 8 | * Know the place value headings of ones and tens
* Know that zero is a placeholder
* Know the symbols =, <, >, ×, ÷
* Know the meaning of odd and even numbers
* Know doubles and halves up to 20
* Know addition and subtraction facts to 20
* Know multiplication facts for the 2, 5 and 10 multiplication tables
* Know division facts related to the 2, 5 and 10 multiplication tables
* Know that 60 minutes = 1 hour
* Know that 24 hours = 1 day
* Know the symbols for pounds (£) and pence (p)
* Know the standard units for length (m, cm), mass (kg, g), temperature (°C) and capacity (litres/ml)
* Know the names and number of sides of 2D shapes
* Known the meaning of ‘edges’, ‘faces’ and ‘vertices’
* Know the names and number of faces of 3D shapes
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| Counting and comparing | 8 |
| Investigating properties of shapes | 12 |
| Calculating: addition and subtraction | 16 |
| Exploring time | 8 |
| Calculating: multiplication and division | 16 |
| Exploring fractions | 12 |
| Mathematical movement | 8 |
| Measuring space | 16 |
| Exploring money | 8 |
| Presentation of data | 12 |
| Preventing the gap / Going deeper | 16 |
| Numbers and the number system | 8 |
| Preventing the gap / Going deeper | 16 |  |

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| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Numbers and the number system | Counting and comparing | Investigating properties of shapes | Calculating: addition and subtraction | Exploring time |
| Week 14 | Week 15 | Week 16 | Week 17 | Week 18 | Week 19 | Week 20 | Week 21 | Week 22 | Week 23 | Week 24 | Week 25 | Week 26 |
| Assessment and enrichment | Calculating: multiplication and division | Exploring fractions | Mathematical movement | Preventing the gap / Going deeper |
| Week 27 | Week 28 | Week 29 | Week 30 | Week 31 | Week 32 | Week 33 | Week 34 | Week 35 | Week 36 | Week 37 | Week 38 | Week 39 |
| Assess / enrich | Measuring space | Exploring money | Presentation of data | Assess / enrich | Preventing the gap / Going deeper |