<table>
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<tr>
<th>Year group</th>
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<th>Curriculum area</th>
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<tr>
<td>Reception</td>
<td>Amazing animals</td>
<td>Knowledge and Understanding of the World</td>
<td>Animals in their habitats</td>
<td>• Combine two groups of objects to find 'how many altogether?'</td>
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</table>
| Reception  | Minibeasts | Knowledge and Understanding of the World | What is a minibeast? | • Count reliably up to 10 objects.  
• Compare and order numbers to at least 10.  
• Combine two groups of objects to find 'how many altogether?' |
| Year 1     | Doubles garden | Knowledge and Understanding of the World | Gardening competition | • Use number facts within 10: doubling and halving (e.g. 4 + 4). |
| Year 1     | The garden centre | Language, Literacy and Communication Skills | Role play | • Use number facts within 10: bonds of 10 (e.g. 6 + 4).  
• Add and subtract numbers when solving problems involving up to 10 objects. |
| Year 2     | Growing | Knowledge and Understanding of the World | Designing a garden | • Count sets of objects by grouping in 2s, 5s or 10s. |
| Year 2     | The Royal Family | Knowledge and Understanding of the World | Child survey | • Find small differences within 20 by using counting on strategies.  
• Gather and record data from:  
  – block graphs  
  – pictograms where the symbol represents one unit. |
| Year 2     | Penguins | Knowledge and Understanding of the World | Penguin facts | • Count sets of objects in 2s, 5s or 10s.  
• Recall 2, 5, 10 times tables and use to work out simple problems. |
| Year 2     | Beanstalks | Knowledge and Understanding of the World | Growing | • Use mental recall of number facts to 10 to derive other facts i.e.:  
  – doubling and halving (e.g. 40 + 40). |
| Year 3     | Owain’s garden (1) | Design and technology | Designing a garden | • Use halves and quarters in simple contexts, e.g. ½ of 20. |
| Year 4     | The jubilee | History | Problem solving | • Read and write numbers to 10 000.  
• Find differences within 1 000.  
• Add a 2-digit number to, and subtract a 2-digit number from, a 3-digit number using an appropriate written method. |
| Year 4     | Owain’s garden (2) | Design and technology | Designing a garden | • Halve 3-digit numbers in the context of number, money and measures. |
| Year 4     | Severn bore | Geography | Reading and interpreting timetables | • Read hours and minutes on a 24-hour digital clock.  
• Find fractional quantities using known table facts, e.g. 1/6 of 20.  
• Use calendars to plan events. |
| Year 4/5   | Bones | Science | Problem solving | • Multiply and divide 2-digit numbers by a single digit (Year 4).  
• Multiply and divide 3-digit numbers by a single digit number (Year 5). |
| Year 4/5   | Raising money | PSE | Fundraising | • Calculate fractional quantities based on unitary fractions.  
• Add and subtract 2-place decimal numbers in the context of money.  
• Read scales with 10 equal divisions between each major unit. |