

Year group	Sample name	Curriculum area	Context	Numeracy skills
Reception	Amazing animals	Knowledge and Understanding of the World	Animals in their habitats	<ul style="list-style-type: none"> Combine two groups of objects to find 'how many altogether?'
Reception	Minibeasts	Knowledge and Understanding of the World	What is a minibeast?	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Use number facts within 10: doubling and halving (e.g. $4 + 4$).
Year 1	The garden centre	Language, Literacy and Communication Skills	Role play	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Count sets of objects by grouping in 2s, 5s or 10s.
Year 2	The Royal Family	Knowledge and Understanding of the World	Child survey	<ul style="list-style-type: none"> Find small differences within 20 by using counting on strategies. Gather and record data from: <ul style="list-style-type: none"> block graphs pictograms where the symbol represents one unit.
Year 2	Penguins	Knowledge and Understanding of the World	Penguin facts	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Use mental recall of number facts to 10 to derive other facts i.e.: <ul style="list-style-type: none"> doubling and halving (e.g. $40 + 40$).
Year 3	Owain's garden (1)	Design and technology	Designing a garden	<ul style="list-style-type: none"> Use halves and quarters in simple contexts, e.g. $\frac{1}{2}$ of 20.
Year 4	The jubilee	History	Problem solving	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Halve 3-digit numbers in the context of number, money and measures.
Year 4	Severn bore	Geography	Reading and interpreting timetables	<ul style="list-style-type: none"> Read hours and minutes on a 24-hour digital clock. Find fractional quantities using known table facts, e.g. $\frac{1}{6}$ of 20. Use calendars to plan events.
Year 4/5	Bones	Science	Problem solving	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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.