

<p>After 1 year at School</p>	<p>Basic addition and subtraction by counting</p> <p>Work out patterns and sequences the same way</p>	<p>Imagine you have 8 strawberries.</p> <p>You eat 3. How many strawberries do you have left?</p>
<p>After 2 years at School</p>	<p>Add and subtract by counting forwards and backwards</p> <p>Make comparative measurements eg length, weight, time</p> <p>Count in twos, threes etc</p>	<p>Here is a string of 12 sausages to feed 2 hungry dogs. Each dog should get the same number of sausages. How many will each dog get?</p>
<p>After 3 years at School</p>	<p>Use basic addition</p> <p>Measure and add, sort objects by shape</p> <p>Simple probability</p>	<p>Give the student 3 pencils of different lengths and a ruler.</p> <p>Use the ruler to find the length of each pencil. How much longer is the green pencil than the red pencil?</p>
<p>End of Year 4</p>	<p>Basic addition and subtraction</p> <p>Simple multiplication</p> <p>Recognise symmetry in objects</p> <p>Interpret simple graphs</p>	<p>Here is a 3-section matchstick fence.</p> <p>How many matchsticks would it take to make an 8-section fence?</p>
<p>End of Year 5</p>	<p>Solve problems using addition and multiplication</p> <p>Measure time</p> <p>Use grid references to give directions</p> <p>Use graphs to identify patterns in data</p>	<p>Show the student the following illustration.</p> <p>What things are at B4 and G2 on the map? What is the location of the treasure? The pirate wants to use his compass to get back to his ship. In what direction should he go?</p>
<p>End of Year 6</p>	<p>Combine arithmetic operations eg $4 \times 7 - 3 = 25$</p> <p>Find fractions</p> <p>Draw or make objects from plans</p>	<p>1. What fractions of the whole birthday cake are pieces A and B? Explain your answer.</p> <p>2. You have 60 jelly beans to decorate the top of the cake. If the jelly beans are spread evenly, how many of them will be on $\frac{1}{6}$ of the cake?</p> <p>Double 5 which is 6. A is in 2 in the column so that makes $\frac{2}{6}$.</p>
<p>End of Year 7</p>	<p>Combine different types of data, show results in different ways</p> <p>Add and multiply fractions and percentages</p> <p>Convert measurements eg 100cm = 1 metre</p>	<p>Show the student the following illustration.</p> <p>The Smith family are $\frac{1}{5}$ of the way home. The Hehoppo family are $\frac{1}{5}$ of the way home.</p> <p>The Smith family and the Hehoppo family are both driving home from their holidays. Which family has travelled the greater distance?</p>
<p>End of Year 8</p>	<p>Multiply fractions, percentages and decimals</p> <p>Identify relationships and trends within data</p> <p>Use metric and other standard measures</p> <p>Make simple conversions using decimals</p>	<p>Andre has ordered 201 tennis balls. They are sold in cans of 3 balls. How many cans should he receive?</p>