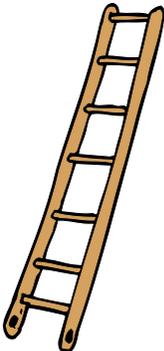
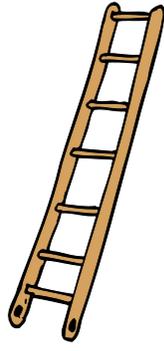
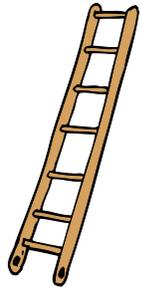


My Maths Targets

	Algebra	Number and the Number System	Calculating
Level 4 	<ul style="list-style-type: none"> • I am starting to understand simple formulae that use words. • I can use and interpret co-ordinates in the first quadrant. • I understand the role of the '=' sign 	<ul style="list-style-type: none"> • I can recognise and describe number patterns. • I can recognise and describe number relationships including multiples, factors and square numbers. • I can use place value to multiply and divide whole numbers by 10 and 100. • I can find fractions and percentages of whole numbers. • I recognise simple equivalence between fractions, decimals and percentages. • I can covert mixed numbers to improper fractions and vice-versa. • I can order decimals to three places. • I am starting to understand simple ratio. 	<ul style="list-style-type: none"> • I can use brackets in simple calculations. • I can use a range of mental calculations for all four operations. • I can recall multiplication facts to 10x10 and quickly give division facts. • I can use effective written methods for addition, subtraction, multiplication and division by one digit numbers. • I can multiply a simple decimal by a one digit number. • I can solve problems with and without a calculator. • I can check my answers to see if the answer is of a reasonable size. • I can give answers that take account of the question.
Level 3 	<ul style="list-style-type: none"> • I can work out missing box questions • I can recognise a wider range of sequences • I am beginning to understand the role of the '=' (the equals sign) to balance e.g. $2+3 = 6-1$ 	<ul style="list-style-type: none"> • I can read and write numbers to at least 1000 • I know what each digit of a number represents (place value – Th, H, T, U). • I use place value to help me round numbers to the nearest 10 and 100. • I recognise negative numbers when talking about temperature. • I can recognise a wide range of sequences, for example, multiples of 2, 5 and 10 • I understand fractions such as $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$ and $\frac{1}{10}$. I can use them to find fractions of shapes and numbers. • I understand and use fractions that are several parts of a whole, for example, $\frac{3}{4}$, $\frac{2}{5}$. • I can recognise when two simple fractions are equivalent (the same) • I am starting to use decimal numbers (money) 	<ul style="list-style-type: none"> • I know my 2, 3, 4, 5 and 10 times tables • When I am given a multiplication fact I can give related division facts. • I can add or subtract two digit numbers mentally (in my head) • I know all my addition and subtraction facts for numbers to 20 and I can use them to help me solve problems with larger numbers. • I understand that = means equals or the same as. • I can add or subtract three digit numbers using written methods. • I can multiply or divide two digit numbers by 2, 3, 4, 5 and 10 and give remainders • I can solve problems that require multiplication and division. • I can round answers to calculations up or down depending on the question.

	Using and Applying Mathematics	Shape, Space and Measure	Handling Data
Level 4 	<ul style="list-style-type: none"> • I can develop my own strategies for solving problems. • I can use my mathematical understanding in practical contexts. • I can present my information and results in an organised way. • I can look for a solution by trying out my own ideas. 	<ul style="list-style-type: none"> • I understand and use many properties of 2D and 3D shapes. • I can make 3D models by linking given faces or edges. • I can draw common 2D shapes, in different ways, on grids. • I can reflect simple shapes in mirror lines. • I am starting to rotate simple shapes about their centre or a vertex (corner). • I can translate shapes vertically or horizontally. • I can choose and use appropriate units and instruments. • I can interpret numbers on a range of measuring instruments. • I understand the terms perimeter and area. • I can find perimeters of simple shapes and find areas by counting squares. • I can use standard units of time. 	<ul style="list-style-type: none"> • I can collect and record data in frequency tables. • When needed, I can group my data. • I can use Venn and Carroll diagrams to sort and classify information. • I can suggest and use appropriate frequency diagrams (pictograms, bar charts, Venn diagrams) • I can construct simple line graphs. • I understand and use the range and mode to describe sets of data. • I can interpret various frequency diagrams including bar graphs, and pictograms. • I can interpret simple line graphs. • I understand and can use simple probability language including more likely, equally likely, fair, certain.
Level 3 	<ul style="list-style-type: none"> • I can select the mathematics and the equipment I want to use in activities. • I can solve a problem by selecting the right number operation (addition, subtraction, multiplication and division) and method of calculating (mental, jottings or written method) • I try different ways to solve a problem if my first method is not successful. • I can organise my work and check my results. • I can discuss my work and explain how I got an answer. • I understand mathematical statements and give examples for them. • I understand and use mathematical symbols. 	<ul style="list-style-type: none"> • I can classify and describe 2D and 3D shapes in different ways including <ul style="list-style-type: none"> ○ Common 3D shapes ○ Length of sides or edges ○ Angles including right, obtuse and acute ○ Reflection symmetry ○ Regular or not • I am starting to recognise the nets of 3D shapes. • I can recognise shapes in different orientations • I can reflect shapes on a grid through horizontal and vertical mirror lines. • I can describe a shapes position and how it has moved. • I can estimate, measure and compare length, mass and capacity using standard units. • I am starting to understand the terms perimeter and area. • I am starting to find areas by counting squares. • I can use standard units of time. 	<ul style="list-style-type: none"> • I can collect information that will answer a given question. • I can construct bar charts. • I can draw pictograms where a symbol represents a group of units. • I can use Venn and Carroll diagrams to sort and classify information. • I can interpret and answer questions about <ul style="list-style-type: none"> ○ Simple tables ○ Bar charts ○ Pictograms