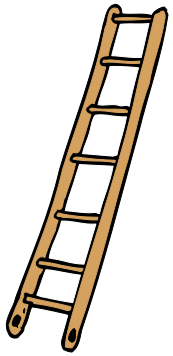
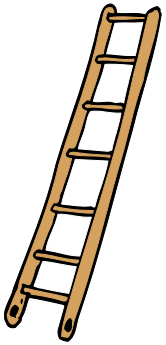
My Maths Targets – Level 3/4 (sheet 2) Name _____

	Using and Applying Mathematics	Shape, Space and Measure	Handling Data
Level 4 	• 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.	• 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.	• 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 	• 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.
		• I can classify and describe 2D and 3D shapes in different ways including
		  ○ 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.
			• 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
			  ○ Simple tables
			  ○ Bar charts
			  ○ Pictograms