Tracking objectives Year 2 and 3

	Year 2 Consolidation of level 2 introducing aspects of level 3		Year 3 Securing progression of level 2 into level 3	
Using and applying	Solve problems involving +,-,x, ÷ in context		Solve one and two step problems inc. time	
	Identify info to solve problem, check solution		Represent info in a given puzzle – find solution	
	Choose equipment and organise information		Identify important info, organise and interpret it	
	Describe patterns, make predictions		Identify patterns and relationships, use to solve probs	
	Present solutions and explain decisions, using maths language and number sentences		Describe and explain methods, choices and solutions to puzzles.	
Knowing and using number facts	**Derive & recall +/- for nos to 10, pairs with a total of 20 & multiples of 10 totalling 100**		**Derive and recall +/- for numbers to 20, sums and differences of multiples of 10 and pairs that total 100**	
	Derive and recall 2,5,10 times table and related division		Derive and recall 2,3,4,5,6,10 times table and related division	
	Derive doubles to 20 & corresponding halves			
	Estimate and check answers		Estimate and check including using inverses.	
calculating	**+/- mentally a 1 digit no or multiple of10 to a 2digit number**		**+/- mentally combinations of 1 and 2 digit numbers**	
	Informal written methods for +/-.		Written methods for +/- 2 and 3 digit numbers	
	Understand – as the inverse of +		Multiply 1 and 2 digit numbers by 10 or 100	
	Understand x as repeated +, ÷ as repeated -		Understand ÷ as the inverse of x and vice versa	
	Practical and informal methods for x and ÷		Informal methods for x and ÷ 2 digit numbers	
	Use and interpret +,-,x,÷,= calculate value of an unknown in a number sentence		Find unit fractions of numbers and quantities	
Counting and understanding number	**Count up to 100 by grouping into 2,5,10**		Count in single digit steps or multiples of 10	
	Read, write 2 & 3 digit. Recognise odd/ even		Read write and order numbers to 1000	
	Order 2 digit numbers use<,>			
	Partition 2 digit numbers in different ways		**Partition 3 digit numbers in different ways**	
	Round 2 digit numbers to nearest 10		Round 2 or 3 digit numbers to nearest 10 or 100	
	Find $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$ of shapes and sets of objects		Read, write fractions, know denominator & numerator	
			Identify and estimate fractions of shapes	
Understanding shape	Follow and give instructions for movement		Use vocab of position and direction inc. compass	
	Visualise and describe common 2D and 3D shapes		Draw and make 2D and 3D shapes	
	Identify and draw reflective symmetry		**Draw and complete shapes with reflective symmetry**	
	Recognise $\frac{1}{2}$ $\frac{1}{4}$ turns clockwise and anticlockwise		Identify and use right angles	
measuring	Use standard units to estimate compare measure		Know relationship between units.	
	Read numbered divisions on a scale		**Read to nearest $\frac{1}{2}$ division partially numbered scales; use info to measure and draw accurately**	
	Use units of time and know relationship between them. Read time to the $\frac{1}{4}$ hour		Read time on digital and nearest 5 mins on analogue clock. Calculate time intervals	
Handling data	**Use lists tables and diagrams to sort objects, explain choices**		**Use Venn and Carroll diagrams to sort data and objects using more than one criterion**	
	Answer questions by collecting and recording data represent in block graphs and pictograms. Use ICT		Answer a question by collecting, organising and interpreting data. Use tally charts, frequency tables, pictograms, bar charts. Use ICT.	