Tracking objectives Year 4 and Year 5

	Year 4 consolidation of level 3 introducing aspects of level 4		Year 5 securing progression from level 3 into level 4	
Using and applying	Solve 1 and 2 step probs choose appropriate strategy inc. calculators		Solve 1 and 2 step probs involving whole numbers and decimals	
	Represent info in a prob and interpret solution		Solve prob and confirm solution in context of prob	
	Collect organise & interpret info to solve prob		Plan and pursue an enquiry	
	Investigate statements and test with examples		Make general statements about relationships	
	Report solutions and explain.		Explain reasoning	
Knowing and using number facts	Derive sums and differences of pairs of multiples of 10 to 1000		**Derive sums differences double and halves of decimals**	
	Derive and recall x facts up to 10x10		Multiply pairs of multiples of 10 or 100 – derive corresponding division facts	
	Double 2 digit nos & multiples of 10, 100, find corresponding halves			
	Identify pairs of fractions that total 1		Identify factors and common multiples	
	Check calculations using rounding and inverses		Estimate and check using rounding, inverse and place value	
calculating	**+/- mentally pairs of 2 digit numbers**		Mentally multiply 2 digit number by a 1 digit number	
	Refine written methods to +/- 2 and 3 digit nos		**Use written methods to +/- whole nos and decimals**	
	x/÷ nos to 1000 by 10 and 100		x/÷ nos and decimals by 10, 100 and 1000	
	Develop written methods to x/÷ 2 digit by 1 digit no. including remianders		Written methods for HTU x U, TU x TU, U.t x U, HTU ÷ U	
	Find fractions of numbers quantities and shapes		Find fractions using division and % of quantities	
	Use calculator to solve 1 and 2 step probs		Use calculator to solve probs involving decimals & fractions	
Counting and understanding number	Count on/back in steps of constant size		Count on/back in decimal steps, including negatives	
	Partition round order and compare 4 digit nos		**Explain what each digit is in whole nos and decimals to 2 places, partition, round and order**	
	Use negative nos in context			
	Use decimals to 2 places & position on a no. line		Express smaller no as a fraction of a larger no.	
	Recognise dec and fraction equivalence between $\frac{1}{2}$, $\frac{1}{4}$, tenths, hundredths			
	Identify equivalent fractions, interpret mixed nos.		Understand % as parts in every 100	
	Use vocab of ratio and proportion		Solve probs involving proportions of quantities	
Understanding shape	Draw and classify polygons		Visualise and describe properties of polygons	
	Make nets of common solids		Complete patterns with 2 lines of reflection	
	Recognise horizontal and vertical, describe position on a grid. Use 8 compass points		**Read and plot coordinates in 1st quadrant, draw shapes with parallel/perpendicular sides**	
	Know angles are measured in ^{0} and 360^0 is whole turn		Draw acute and obtuse angles using a protractor	
measuring	**Know Kilo, centi and milli record using decimal notation**		Read ,choose, use, record metric measures, convert larger to smaller units	
	Interpret partially no. scales read to nearest tenth		Interpret scales with unnumbered divisions	
	Find perimeter and area of rectangles		**Measure to nearest mm, calculate perimeter, area**	
	Read time to nearest minute, calculate time intervals		Read timetables using 24 hour clock notation	
Handling data	**Collect, organise, present, analyse and interpret data**		Collect, organise, & interpret data, drawing conclusions	
	Compare data where scales are different		**Construct frequency tables, pictograms, bar and line graphs to represent frequencies of events**	
			Find and interpret mode of set of data	
			Use language of chance or likelihood	