

## Mathematics Skill Progression

Statistics						
Interpreting, Constructing and Presenting Data						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	interpret and construct simple pictograms as a group/class	interpret and construct simple pictograms, tally charts, block diagrams and simple tables ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity ask and answer questions about totalling and comparing categorical data	interpret and present data using bar charts, pictograms and tables	interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	complete, read and interpret information in tables, including timetables	interpret and construct pie charts and line graphs and use these to solve problems
Solving Problems						
			solve one-step and two step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables	solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	solve comparison, sum and difference problems using information presented in a line graph	calculate and interpret the mean as an average
Statistics Vocabulary						
	Interpret Construct Pictogram	Interpret Construct Pictogram Tally chart Block diagrams Horizontal Vertical x- axis y-axis key title chart title Simple tables Ask Answer Questions Counting Objects Category Sort Quantity Total Compare Data	As per previous year plus: Present Presented Graph Statistics Bar charts Tables Solve One- step questions Two- step questions Information	As per previous years plus: Time graphs Comparison Problems	As per previous years plus: Timetables Line graph	As per previous years plus: Pie chart Calculate Mean Average