St James Geometry – Statistics Journey

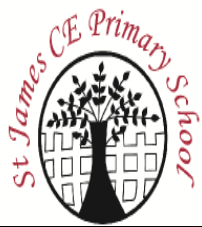| INTERPRETING, CONSTRUCTING AND PRESENTING DATA						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		interpret and construct simple pictograms, tally charts, block diagrams and simple tables Cubes to build graphs	interpret and present data using **bar charts** Tables Graphs	interpret and present discrete and continuous data using appropriate graphical methods, including **bar charts** Graph paper Bar charts Pictograms Tables	complete, read and interpret information in **timetables** Tables Timetables Number lines	interpret and construct **pie charts** and use these to solve problems Pie charts Tables Bar models
		ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity Cubes to build graphs	interpret and present data using **pictograms** Objects Tables	interpret and present discrete and continuous data using appropriate graphical methods, including **time graphs** Graph paper Line graphs Bar charts Number lines Tables		interpret and construct **line graphs** and use these to solve problems Tables Squared paper Line graphs
		ask and answer questions about totalling and comparing categorical data	interpret and present data using tables			

Black – The objective

Blue – The manipulatives that need to be used

Orange – Taught discretely or taught during mental maths/rapid recall

Purple – Covered in within other lessons/objectives.

		Cubes to build graphs				
SOLVING PROBLEMS						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			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** Line graphs Tables Time tables	calculate and interpret the **mean as an average** Tables Graphs Pictograms

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