

Misterton Primary and Nursery School – Maths: Statistics Progression Document

Key Areas	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Interpreting, Constructing and Presenting Data	<i>Begin collecting data practically and visually</i>	<i>Know how to collect data and represent visually</i>	Know how to interpret and construct simple pictograms, tally charts, block diagrams and simple tables Know how to ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity Know how to ask and answer questions about totalling and comparing categorical data	Know how to interpret and present data using bar charts, pictograms and tables	Know how to interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	Know how to complete, read and interpret information in tables, including timetables	Know how to interpret and construct pie charts and line graphs and use these to solve problems
Solving Problems	<i>Use equipment to solve a problem involving data</i>	<i>Know how to answer simple questions eg what is the most common hair colour?</i>	<i>Know how to solve one step problems using collected data</i>	Know how to 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.	Know how to solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	Know how to solve comparison, sum and difference problems using information presented in a line graph	Know how to calculate and interpret the mean as an average