Progression of Skills: Statistics

Nursery	Reception	Y1	Y2	Y3	Y4	Y5	Y6
Statistics **Pupils should be taught to:** Shows curiosity about numbers by offering comments or asking questions. Compares two groups of objects, saying when they have the same number. Shows an interest in number problems.	**Statistics** **Pupils should be taught to:** Uses the language of 'more' and 'fewer' to compare two sets of objects. Finds the total number of items in two groups by counting all of them.	**Statistics** **Pupils should be taught to:** **I**nterpret and construct simple pictograms.	**Statistics** **Pupils should be taught to:** 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	**Statistics** **Pupils should be taught to:** Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables	**Statistics** **Pupils should be taught to:** Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	**Statistics** **Pupils should be taught to:** Solve comparison, sum and difference problems using information presented in a line graph Complete, read and interpret information in tables, including timetables	**Statistics** **Pupils should be taught to:** Interpret and construct pie charts and line graphs and use these to solve problems Calculate and interpret the mean as an average