**National Curriculum Subject: Mathematics**

**Skills Progression: Statistics**

|  |  |
| --- | --- |
|  | **Statistics** |
| **1** | I can answer a question by recording information in lists and tables; present outcomes using practical resources, pictures, block graphs or pictograms.  I can use diagrams to sort objects into groups according to a given criterion; suggest a different criterion for grouping the same objects.  (Taken from numeracy strategy due to omission in current framework.) |
| **2** | I can interpret and construct simple pictograms, tally charts, block diagrams and simple tables.  I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.  I can ask and answer questions about totalling and comparing categorical data. |
| **3** | I can interpret and present data using bar charts, pictograms and tables.  I can 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. |
| **4** | I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.  I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. |
| **5** | I can solve comparison, sum and difference problems using information presented in a line graph.  I can complete, read and interpret information in tables, including timetables. |
| **6** | I can interpret and construct pie charts and line graphs and use these to solve problems.  I can calculate and interpret the mean as an average. |