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|  | Year 1 key skills | Year 2 key skills | Year 3 key skills | Year 4 key skills | Year 5 key skills | Year 6 key skills |
| Data Presentation | I can use drawings and labels to show my evidence.  I can use simple prepared charts and tables with support  Sort objects, numbers and shapes to a given criterion and their own. | I can use drawings and labels to present evidence.  Compare and sort objects, numbers and common 2-D and 3-D shapes and everyday objects.  Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. | I can gather data in a variety of ways  I can record data in a variety of ways, sometimes creating my own tables and charts  I can classify data in a variety of ways to help answer questions. | I can choose the best way to present the data I have collected.  I can record my findings using drawings and labelled diagrams | I can record data of increasing complexity using scientific diagrams.  I can use classification keys  I can draw my own tables and use them too. | I can communicate findings in written forms across a range of genre |
| Types of Graphs and interpretation | Create practical pictographs using real life objects. Teacher to photograph as evidence.  Present and interpret data in block diagrams using practical equipment.  *Ask and answer simple questions by counting the number of objects in each category.*  *Ask and answer questions by comparing categorical data.*  **Practical Pictograms**  **Simple block graphs for HA children** | I can use prepared tables and block graphs to present what I have found out.  I can make pictograms on my own  Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.  Ask and answer questions about totalling and comparing categorical data.  **Drawn Pictograms**  **Simple block graphs** | I can interpret a line graph with support  I can create my own block and bar graphs to present data.  Use sorting diagrams to compare and sort objects, numbers and common 2-D and 3-D shapes and everyday objects.  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.  **Block graphs**  **Bar graphs**  **Venn diagrams**  **Carroll diagrams** | I can record my findings using bar graphs, tables  Use a variety of sorting diagrams to compare and classify numbers and geometric shapes based on their properties and sizes.  Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts, time graphs.  Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.  **Group line graphs**  **Block graphs**  **Bar graphs**  **Venn diagrams**  **Carroll diagrams** | I can record data in a variety of graphs  Complete and interpret information in a variety of sorting diagrams (including those used to sort properties of numbers and shapes).  Complete, read and interpret information in tables and timetables.  Solve comparison, sum and difference problems using information presented in all types of graph including a line graph.  **Bar graphs**  **Scatter graphs**  **Line graphs**  **Venn and carroll diagrams** | I can decide in the most appropriate formats to present sets of data  (eg line graphs for continuous variables)  Continue to complete and interpret information in a variety of sorting diagrams (including sorting properties of numbers and shapes).  Interpret and construct pie charts and line graphs and use these to solve problems.  **Bar graphs**  **Scatter graphs**  **Line graphs**  **Pie charts**  **Venn and carroll diagrams** |
|  | All year groups to be able to interpret the data appropriate to their year group and analyse the data appropriate to their year group. | | | | | |
| Use of ICT | I can use ICT to show my results, with support | I can use ICT to present what I have found out. | I can use ICT to present data where appropriate. | I can record my findings using ICT where appropriate. |  | I can use multimedia and other forms of presentation |