

ICT Curriculum Map – Data Handling

EYFS

- On screen sorting games using key statements e.g., Goes in the kitchen.
- Card matching games/activities.
- Spotting items on screen e.g., finding spring animals.

Year 1

- Creating pictograms by entering data.
- Venn diagrams – sorting items into 2 criteria on screen.

Year 2

- Sorting by 4 criteria – soring items into 4 criteria using Carrol and Venn diagrams.
- Recording data as a table in Excel. Introduction to the advantages of using Excel to store data.
- Using this data to create clear and simple bar charts.

Year 3

- Sorting and filtering data in Excel to answer questions.
- Intro of key features of Excel (Record, Field, Chart Wizard).
- Creating clear graphs (bar charts) in Excel using chart wizard.
- Sorting items using a branching database.

Year 4

- Use Excel to compare two sets of data (based on weather – links to Geography).
- Enter data into Excel, sort, filter and search the data to answer questions.

Year 5

- Use spreadsheet models to calculate totals when data changes.
- Use of formulas (Multiplication and Division) – including calculating averages.

Year 6

- . Using spreadsheet models to calculate totals within data when 2 fields change (e.g., price and quantity).
- Consolidation of using formulas (multiplication & division) and use of functions (SUM & AVERAGE).