Year 6

**Computing Curriculum Map**

**Data Handling**



**EYFS**



**KS 1**



**Lower**

**KS2**

**Upper KS2**

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Year 1

▪ Understand that IT can be used to sort items and information.

Year 2

▪ Understand that IT can be used to create and display charts and graphs.

▪ Understand that IT can be used to add to and change charts and graphs quite easily.

▪ Begin to understand that unless data has been entered accurately it cannot be used to provide correct answers.

Year 4

▪ Use a database to answer straight forward questions by searching, matching and ordering the contents of a single field.

▪ Compare different charts and graphs and understand that different ones are used for different purposes.

▪ Know, understand and use the vocabulary: file, record, field, sort and search.

▪ Collect data and enter it under appropriate field headings.

▪ Understand that effective yes-/no questions are key to organising data efficiently in a branching database.

Year 3

▪ Begin to identify what data should be collected to answer a specific question.

▪ Understand that there are different types of data.

▪ Recognise similarities and differences between ICT and paper-based systems.

▪ Create frequency diagrams and graphs to answer questions.

▪ Talk about the advantages of using IT to sort, interrogate and classify information quickly.

EYFS

Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.

Year 5

▪ Recognise the need for accuracy when designing, entering and interrogating data and how this will affect the quality of information gained.

▪ Recognise the consequences of using inaccurate data and relate to the outside world, e.g. police, doctors, banks, school databases.

▪ Understand that there are different types of data, e.g., numeric, alphabetic, date, alphanumeric, currency.

▪ Understand the need for data protection and some of the rights of individuals over stored data and how it affects use and storage of data in the real world.

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