

UKS2 Computing Knowledge Organiser

Year 5 - Term 4 - Flat-file databases

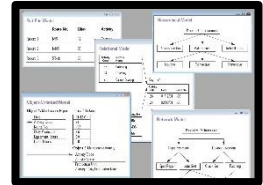
Key Focus: use tools within a database to order and answer questions about data.

National Curriculum Objectives:

- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- Select, use, and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems, and content that accomplish given goals, including collecting, analysing, evaluating, and presenting data and information

Flat-file databases

- To use a form to record information
- To compare paper and computer-based databases
- To outline how you can answer questions by grouping and then sorting data
- To explain that tools can be used to select specific data
- To explain that computer programs can be used to compare data visually
- To use a real-world database to answer questions



Key vocabulary

Word	Meaning
Record	Sets of data on a particular object.
Field	Single units of information in a database system, usually in a single column in a table.
Sort	Arrange a list of items in a logical way.

Sticky Knowledge:

Flat-file databases are a collection of data organised in a single table.

Tools on a computer can be used to sort data to answer questions.

Results from data can be shown visually in charts.