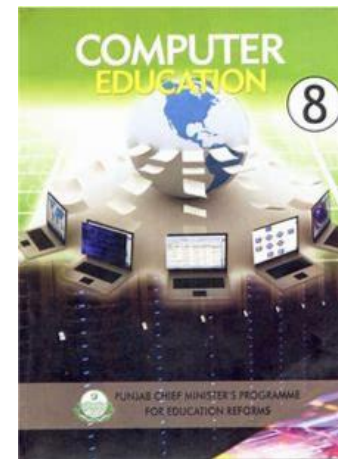
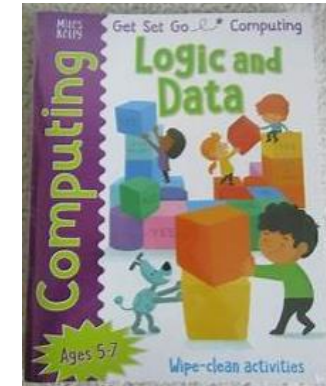
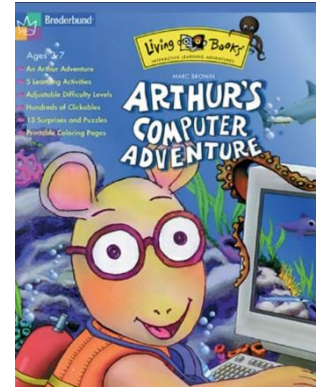


Year 5 – Flat File Databases – Children learn to interrogate a database used to store information in records to create graphs and charts to help them

What I may already know?	Vocabulary	
• That data is stored in a database which can be used • Branching databases help you sort objects using specific attributes. • Can separate two groups of objects separated by an attribute • That questions need to be ordered carefully to split objects into similar sized groups. • Create questions and apply them to a tree structure. • Use a tree database to answer questions.	data	Numbers, letters, symbols or information stored in a database
	navigate	To work through information to identify a group of relevant information
	specific	Relevant data that is used to identify information
	filter	Used to sort records into the relevant information
	field	A part of the record used to record information
What will I know by the end of the unit?		
• To use a form to record information • I can create multiple questions about the same field • I can explain how information can be recorded - I can order, sort, and group my data cards • To compare paper and computer-		
	<u>Relevant Reads</u>	

based databases

- I can navigate a flat-file database to compare different views of information
- I can explain what a 'field' and a 'record' is in a database
I can choose which field to sort data by to answer a given question
- To outline how grouping and then sorting data allows us to answer questions
- I can explain how information can be grouped
- I can group information to answer questions
I can combine grouping and sorting to answer more specific questions
- To explain that tools can be used to select specific data
- I can choose which field and value are required to answer a given question
- I can outline how 'AND' and 'OR' can be used to refine data selection
I can choose multiple criteria to answer a given question
- To explain that computer programs can be used to compare data visually
- I can select an appropriate chart to visually compare data
- I can refine a chart by selecting a particular filter



I can explain the benefits of using a computer to create graphs • To apply my knowledge of a database to ask and answer real-world questions • I can ask questions that will need more than one field to answer • I can refine a search in a real-world context I can present my findings to a group	
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1. What can you use to identify information?	a. filter b. table c. sentences
2. What would you use in a record to sort information?	a. Record b. Field c. enter
3. Do you need to enter all the records in order so that you can find what you need? Explain your thinking	
4. Which is quicker - searching through paper records or computer records? Explain your thinking.	