

QCA Unit	3c (Introduction to Databases)		
Year Group	3	Number in class	
Time for lesson	1hr.	No. of computers	
Preparation 2Investigate – myclass file, blank copies of the database record for each child, copy of Question sheet for myclass file.			
Resources 2Investigate, as above			
Learning objectives <ul style="list-style-type: none"> To be able to search a database to answer questions. 			
Technical Vocabulary			
Database Search	Record Sort	Field Group	
Assessment <ul style="list-style-type: none"> Can the children answer the questions by scanning the table view of the database? 			
Introduction (10 mins) Setting the Scene: Remind children of what they learnt last lesson ie sorting and grouping. Get the children to open 2Investigate and the myclass file. Show them the different views that you can have of it ie arranging top/left or as the table view.			
Main activity Give the children the set of questions for this table and ask them to solve these by looking at the database (in any view they want). The questions are quite simple but it involves looking at multiple categories to get an answer i.e. if you are looking for all the people who have size 2 shoes, you need to look in the shoe size column and then look across to the person's name. Ask them how they would look for people who had 2 features. Extension activities Children could make up their own questions to get other children to answer. If they are working in a pair - they could do this as quiz where one person asks a question while the other one searches for it.			

Plenary (10 mins)

Discuss the answers everyone came up with. Look at the Sort and Group tools and how they sort the records into ones that you require. Discuss the advantages/disadvantages or using the computer for this activity.

Homework

None