

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 (Second sheet), The answers that the children did the previous week for them to check.									
Resources 2Investigate, as above									
Learning objectives <ul style="list-style-type: none"> • To be able to search a database to answer questions. • To be able to make a Venn Diagram to meet certain criteria and discuss the content. 									
Technical Vocabulary <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Database</td> <td style="width: 33%;">Record</td> <td style="width: 33%;">Field</td> </tr> <tr> <td>Venn Diagram</td> <td>Sort</td> <td>Group</td> </tr> </table>				Database	Record	Field	Venn Diagram	Sort	Group
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Venn Diagram	Sort	Group							
Assessment <ul style="list-style-type: none"> • Can the children answer the questions when there are 2 selections to make? 									
Introduction (10 mins) Setting the Scene: Open the 2Investigate myclass file. Remind the children how to Sort and Group the information to find out information about the class. Discuss what sorts of searches would these be useful for ie those with only 1 criteria.									

Main activity

Discuss what we could do if we wanted to find out more than one thing ie which children have brown hair and brown eyes? Which children have blonde hair but not blue eyes?

Play a game: Ask the children to listen carefully to your instructions eg anyone with brown hair stand up, anyone with brown hair and blue eyes go to the corner of the room and discuss sorting the class in this way.

Give the children some criteria and get them to make a Venn Diagram to show the information. They can then make up their own criteria and swap them with other class members.

Extension activities

Children could select people on 3 or more criteria by making up questions in pairs.

Plenary (5 mins)

Discuss which is easier/quicker – the computer or us!

Homework

None