

<b>QCA Unit</b>	3c (Introduction to Databases)		
<b>Year Group</b>	3	<b>Number in class</b>	
<b>Time for lesson</b>	1hr.	<b>No. of computers</b>	
<b>Preparation</b> 2Investigate – myclass file, blank sheet/record from database,			
<b>Resources</b> 2Investigate, Measuring equipment (height measure and tape measures), as above			
<b>Learning objectives</b> <ul style="list-style-type: none"> <li>• To be able to insert a record into a database</li> <li>• To be able to sort information into order</li> </ul>			
<b>Technical Vocabulary</b>			
Database	Record	Field	
Sort	Order	Group	
<b>Assessment</b> <ul style="list-style-type: none"> <li>• Have the children inserted their record into the myclass database?</li> <li>• Have the children inserted all the information correctly into their record.</li> </ul>			
<b>Introduction ( 5 mins)</b>			
<b>Setting the Scene:</b> Tell the children that they are going to make a database of the class so that they can look through it to find information. Discuss what information might be useful and why.			
<b>Main activity</b>			
Show them the file and recap on how to add a record/enter information. Get the children to enter their information into the class database.			
Discuss how we could sort the information eg into alphabetical order (like the class register). Demonstrate how 2Investigate sorts the information. Play a game: get the children to race the computer to sort themselves into alphabetical order. Which is better? Why?			
Extension activities			
Children could assist other children who are struggling to insert their records into the database.			
Children could sort by other criteria eg age, favourite colours			

**Plenary ( 5 mins)**

Demonstrate how 2Investigate can Group the information as well as Sort.

**Homework**

None