

Lesson Plan

Course: Year 8 ICT – Database Unit Date: Feb/Mar 08

Lesson number: 1 Introduction to a large database

Item	Time	description
1	5	Review Excel tables and how they can be used as a database – select a range and apply the Data list function.
2	5	Explain the key terms record and field in relation to databases.
3	5	Explain that students are going to select records from the database by using the functions in the drop-down lists over each field .
4	10	Students work with a partner to experiment with the different functions. The teacher supplies no or minimal help.
5	20	Students complete the worksheet. If some students are stuck, students who have solved the problem correctly come to the Smartboard to demonstrate their solution. As far as possible, students are self-organising.
6	10	Plenary: Q&A – what are fields, records; what is a subset? Can we sort records by 2 fields – how and why (what sort of questions would it answer) – get a volunteer to show.
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Room/resources

As supplied under the section “Materials”

Homework: Complete the worksheets and upload if not already done so.

Answer this question: Is your homework diary a database? Explain your answer in terms of **records** and **fields** – there are, there are not).