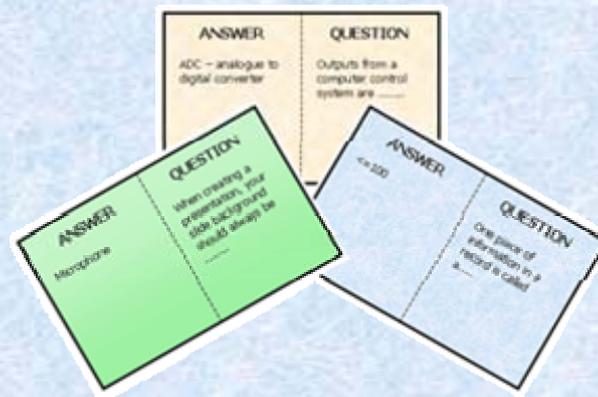


Databases



Hop-around Cards

HOP-AROUND CARDS



Instructions for use.

Preparation

Print the cards out using a high quality colour printer

Laminate each sheet and then cut out the individual cards to make a pack.

Using the cards

Shuffle the cards.

Distribute the cards amongst your students.

Every card **MUST** be used – even if it means some students have one and others have two.

Pick a student to start. That student asks their question to the class. Quickly find that question on the table of questions/answers below so that you can keep track of the sequence and will know immediately if a wrong answer has been given.

The student who thinks they have the correct answer to the question calls out their answer.

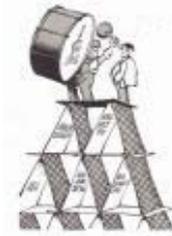
If they are correct, they then ask their question on their card to the rest of the class.

This continues until all of the questions and answers have been used.

It is important that the correct answers are accepted, otherwise the sequence will be broken and some students will end up with unused cards.

Collect the set of cards back up at the end of the task.

QUESTIONS



The table below contains the questions and matching answers. Print this table out for use during the activity.

Nominate a student to start. Quickly find their question in the table and then check that the answers which are given match those below.

The sequence of questions and answers must follow this table. If the sequence is broken, you will end up with students who have unused cards at the end.

Question/ Card No.	Question	Answer
1	One piece of information in a record is called a.....	Field
2	All of the information or data about one person or thing is called a	Record
3	All related records are stored in a	table
4	A database is.....	A collection of data or information stored in a structured or orderly way
5	Each record must have something to uniquely.....	Identify it
6	Each table needs a key field, often called a	Primary key
7	A well known database application is.....	Microsoft Access
8	Validation helps to check that data is....	Sensible, allowable and reasonable
9	Verification means	To check the original data a second time either by hand or using the computer
10	Data is usually collected from customers by using a	Data capture form
11	'Please enter only male or female' would be a type of.....	Validation rule
12	When you are setting up your table, you can make sure that a field must be filled in by making it a ...	Required field
13	Sorting data in a table from A-Z means putting it into what order?	Ascending order
14	When you have set up a query, which button do you click?	The Run button
15	To search for data in your database you would usually set up what?	A query

16	You can enter data directly into a table. But there is a much nicer way to enter data. You could create a ...	Data Entry Form
17	You can present your data as a professional looking output by creating a	Report
18	A database with only one table in is called a	Flat file database
19	Tables can be linked together by creating a	Relationship
20	A complete database about one topic/subject is stored in a	Database file
21	When using a query to search for something specific, e.g. Doncaster, you would enter a	Search term or criteria
22	Text, number, date/time, currency are all	Data Types
23	When setting up your table, this defaults to 50. It is a good idea to reduce the size to something more appropriate. What is it called?	Field Size
24	A database which has related tables is called a	Relational Database
25	Why would you choose a text data type for telephone numbers and not a number data type?	Because the text data type allows you to put a 0 at the beginning whereas a number data type will not
26	Sorting data in a table from Z-A means putting it into what order?	Descending order
27	What criteria would you enter to search for all girls who had a size 4 shoe?	In the gender field you would enter 'female' (or girl) and in the shoe size field you would enter 4
28	The data type which only allows two options e.g. yes/no, on/off, high/low is also known as ...	Logical or Boolean
29	A relational database is a good idea because it reduces	Data Duplication
30	Extracting the names and addresses of customers from a database and using them to produce individualised letters is called.....	Mail Merging
31	What would happen if you tried to enter 31/02/06 into a field which has been set to a date/time data type?	It would recognise that the date isn't possible and would give you an error message
32	What search criteria would you use to find any item costing £100 or less?	<=100
extra		

ANSWER	QUESTION
<=100	One piece of information in a record is called a.....
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ANSWER	QUESTION
Field	All of the information or data about one person or thing is called a
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ANSWER	QUESTION
Record	All related records are stored in a
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ANSWER	QUESTION
Table	A database is.....
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ANSWER	QUESTION
A collection of data or information stored in a structured or orderly way	Each record must have something to uniquely.....
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ANSWER	QUESTION
Identify it	Each table needs a key field, often called a
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ANSWER	QUESTION
Primary Key	A well known database application is.....
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ANSWER	QUESTION
Microsoft Access	Validation helps to check that data is....
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ANSWER	QUESTION
Sensible, allowable and reasonable	Verification means
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ANSWER	QUESTION
To check the original data a second time, either by hand or using the computer	Data is usually collected from customers by using a
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ANSWER	QUESTION
Data capture form	'Please enter only male or female' would be a type of.....
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ANSWER	QUESTION
Validation rule	When you are setting up your table, you can make sure that a field must be filled in by making it a
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ANSWER	QUESTION
Required field	Sorting data in a table from A-Z means putting it into what order?
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ANSWER	QUESTION
Ascending order	When you have set up a query, which button do you click?
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ANSWER	QUESTION
The 'run' button	To search for data in your database you would usually set up what?
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ANSWER	QUESTION
A query	You can enter data directly into a table. But there is a much nicer way to enter data. You could create a.....
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ANSWER	QUESTION
Data entry form	You can present your data as a professional looking output by creating a
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ANSWER	QUESTION
Report	A database with only one table in is called a
	www.teach-ict.com

ANSWER	QUESTION
Flat file database	Tables can be linked together by creating a
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ANSWER	QUESTION
Relationship	A complete database about one topic/subject is stored in a
	www.teach-ict.com

ANSWER	QUESTION
Database file	When using a query to search for something specific, e.g. Doncaster, you would enter a
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ANSWER	QUESTION
Search term or criteria	Text, number, date/time, currency are all
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ANSWER	QUESTION
Data types	When setting up your table, this defaults to 50. It is a good idea to reduce the size to something more appropriate. What is it called?
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ANSWER	QUESTION
Field size	A database which has related tables is called a
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ANSWER	QUESTION
Relational Database	Why would you choose a text data type for telephone numbers and not a number data type?
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ANSWER	QUESTION
Because the text data type allows you to put a 0 at the beginning, whereas a number data type will not.	Sorting data in a table from Z-A means putting it into what order?
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ANSWER	QUESTION
Descending order	What criteria would you enter to search for all girls who had a size 4 shoe?
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ANSWER	QUESTION
In the gender field, enter 'female', 'F' or 'girl'. In the shoe size field enter '4'	The data type which only allows two options e.g. yes/no, on/off, high/low is also known as
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ANSWER	QUESTION
Logical or Boolean	A relational database is a good idea because it reduces
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ANSWER	QUESTION
Data duplication	Extracting the names and addresses of customers from a database and using them to produce individualised letters is called.....
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ANSWER	QUESTION
Mail merging	What would happen if you tried to enter 31/02/06 into a field which has been set to a date/time data type?
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ANSWER	QUESTION
It would recognise that the date isn't possible and would give you an error message	What search criteria would you use to find any item costing £100 or less?
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Databases

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ANSWER

QUESTION

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