



Year 4

Databases

Using ICT

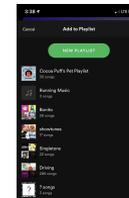
Respect, Believe, Achieve

Key Words

data	Information we can give to a computer.
record	A record contains all the information for one individual entry.
field	One category of information e.g. name, hair colour.
sort	Puts the data in order.
filter	Only shows records which match the filter.

What do I already know?

- I can collect and enter information
- I can present information as a pictogram
- I can answer questions about my information



Our Learning Steps

1. Paper Database

We will create our own record cards as a group and use them to find information.



2. Exploring Digital Databases

I will learn the parts of a digital database. I will explore an existing data base. Using search tools.

Country Name	Area (km²)	Population	Language	Flag	Currency
China	9596961	1270240214	Chinese		Renminbi
India	3287990	1276267008	Hindi		Indian Rupee
United States	983706	322389312	English		United States Dollar

3. Entering Data

We will create our own database, by entering records as a class.

field name	type	unique	default	units
Name	text	<input type="checkbox"/>	<input type="checkbox"/>	
Population	number	<input type="checkbox"/>	<input type="checkbox"/>	
flag	picture/sound/video	<input type="checkbox"/>	<input type="checkbox"/>	
Dob head of state	date	<input type="checkbox"/>	<input type="checkbox"/>	

4. Advanced search

I will use grouping, sorting and filtering in more than one field to interrogate data and answer questions.

Title: e.g. The Godfather

Title Type:
 Feature Film TV Movie TV Series TV Episode
 TV Special Mini-Series Documentary Video Game
 Short Film Video TV short Podcast Series
 Podcast Episode Music Video

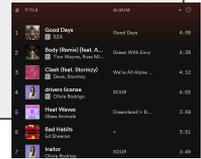
Release Date: to
Format: YYYY-ARM-DD, YYYY-ARM, or YYYY

User Rating: to

Number of Votes:

5. Databases in real life

I will discuss the use data in in music systems, web searches, advertising, medical care and school management. I will consider the implications of sharing other people's personal data.



6. Assessment:

I can enter data into a database.
I can sort and filter data to answer questions.
I can give examples where databases are used From real life.

