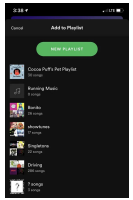
Respect, Believe, Achieve

# Year 4
# Databases
**Using ICT**

| 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

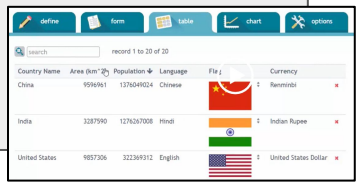
# Our Learning Steps

## 1. Paper Database

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

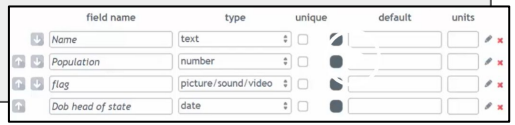

## 2. Exploring Digital Databases

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




## 3. Entering Data

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

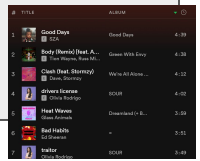



## 4. Advanced search

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


## 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.