





Steps to Success

Lockdown	
Date	Friday 26 th February
Subject/s	Computing
Learning Objective 	To understand how a database works

		SA 	TA 
Success Criteria 	I can explain how information can be recorded		
	I can use fields to sort, organise and retrieve data		
	I can asks questions and use the records to answer them		
Support	Independent	Adult Support ()	Group Work
Key Vocabulary for this Lesson: database record fields query data organise information alphabetically sort search			

What is a database?

Where have you heard the word 'database'? What do you think it means?

Let's split the word into 'data' and 'base' to help us.

What do you know about the word 'data'?

Think, write, pair, share.

'A database is a collection of data that is stored in a computer and that can easily be used and added to'

Creating records for a database

Complete ten records for your database on animals.

Add the name of your animal in the centre of your record.

Mark a tick in any fields that are true for your animal.

Can fly

Has six legs

Name: _____

Lives in large groups

Is more than one colour

Sorting and ordering

How quickly can you sort your records?

Sort your records by animal name alphabetically from A to Z.

Mix your records and now sort them alphabetically from Z to A.

How long did it take? How long would it take to sort records from the whole class?

Can fly

Has six legs

Name: antelope

Lives in large groups

Is more than one colour

Using your records to answer questions

Which animals can fly?

How many animals have six legs?

Use your records to answer these questions.

Can fly

Has six legs

Name: _____

Lives in large groups

Is more than one colour

Can fly

Has six legs

Name: _____

Lives in large groups

Is more than one colour

Can fly

Has six legs

Name: _____

Lives in large groups

Is more than one colour

Can fly

Has six legs

Name: _____

Lives in large groups

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