Steps to Success

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

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|---------------------------------|---|-----------------|-------|----------------|-------|--|
| Success Criteria | I can explain how information can be recorded | | | | | |
| | • • • | | - | | | |
| | I can use fields to sort, | | | | | |
| | data | | | | | |
| | I can asks questions an | | | | | |
| | answer them | | | | | |
| Support | Independent | Adult Support (|) | Group Work | | |
| Key Vocabulary for this Lesson: | | | | | | |
| database record | fields query | data org | anise | inform | ation | |
| 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.

Sorting and ordering

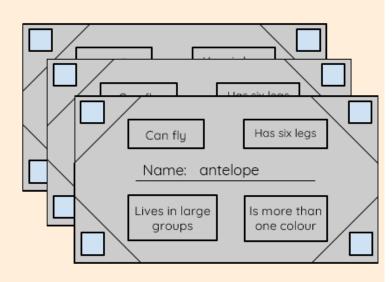
How quickly can you sort your records?

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: 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.

