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: _____

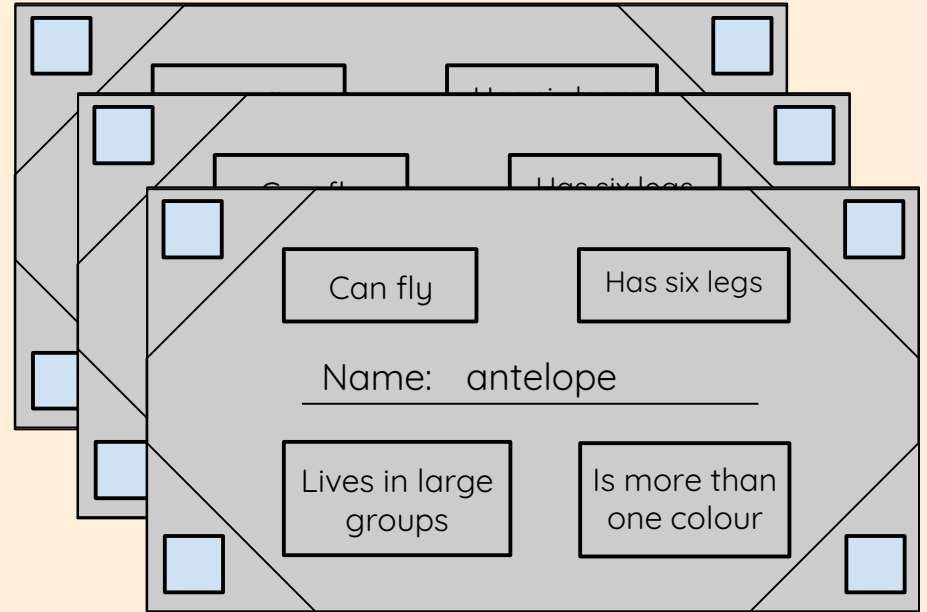| Lives in large groups	Is more than one colour

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?

Using your records to answer questions

Which animals can fly?

How many animals have six legs?

Use your records to answer these questions.