

Lesson 3

L.O: To create and answer my own question
using a graph.



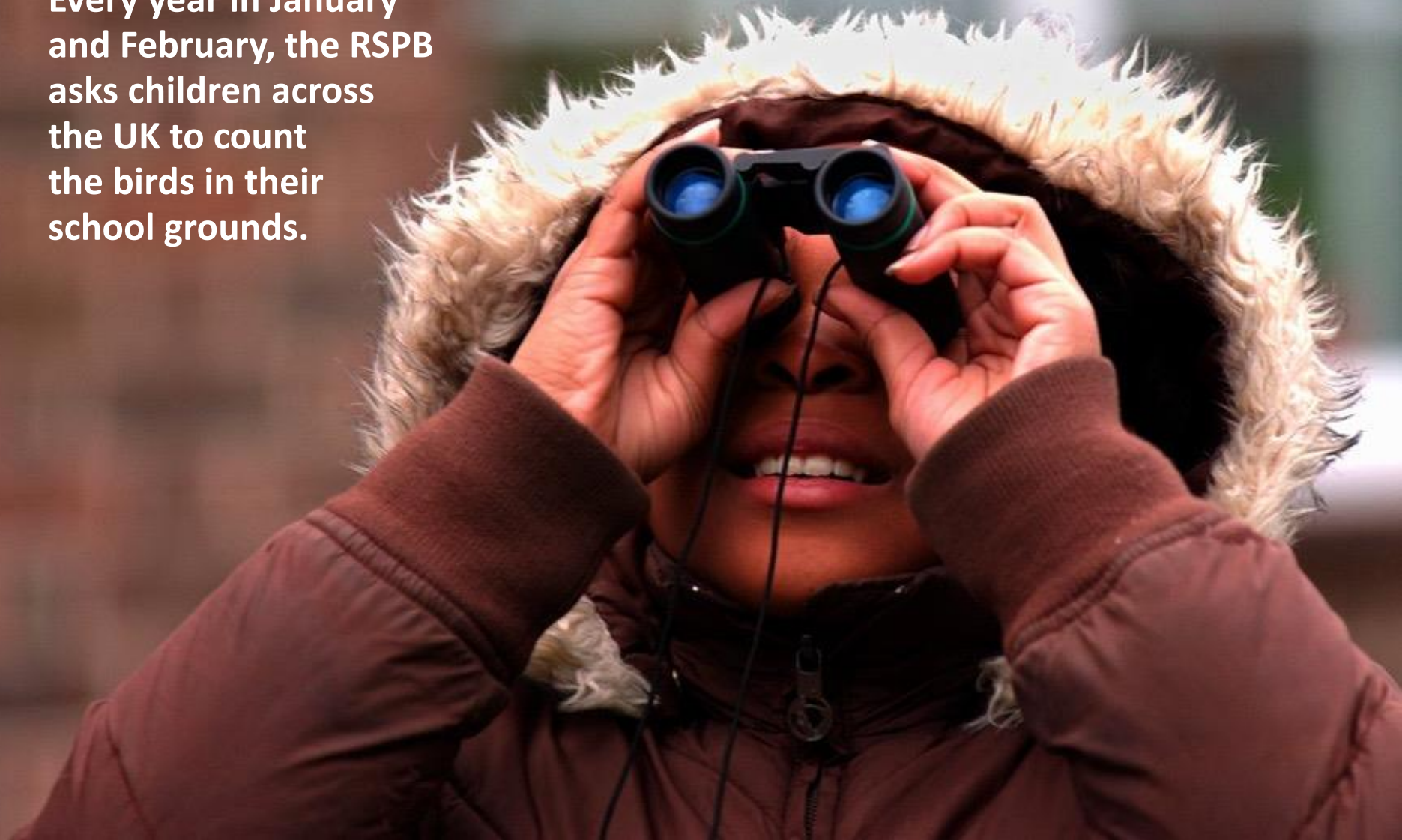
giving
nature
a home

Big Schools' Birdwatch

The RSPB is the country's largest nature conservation charity, inspiring everyone to give nature a home.

It's as easy as 1, 2, 3...

Every year in January and February, the RSPB asks children across the UK to count the birds in their school grounds.



Working together as a team!

Why do you think the RSPB asks
for your help counting birds?



The Big Schools' Birdwatch helps the RSPB to...

...create a "picture" of how birds are doing across the UK.

If everyone sees a lot of birds during the Big Schools' Birdwatch, we know that the bird population is healthy. And that tells us that the rest of our wildlife is probably doing ok too.



The Big Schools' Birdwatch helps the RSPB to...

...collect birdwatching data from all around the UK, including which birds are seen the most.

We can compare this to what we found out in last year's Big Schools' Birdwatch, and see if anything has changed.



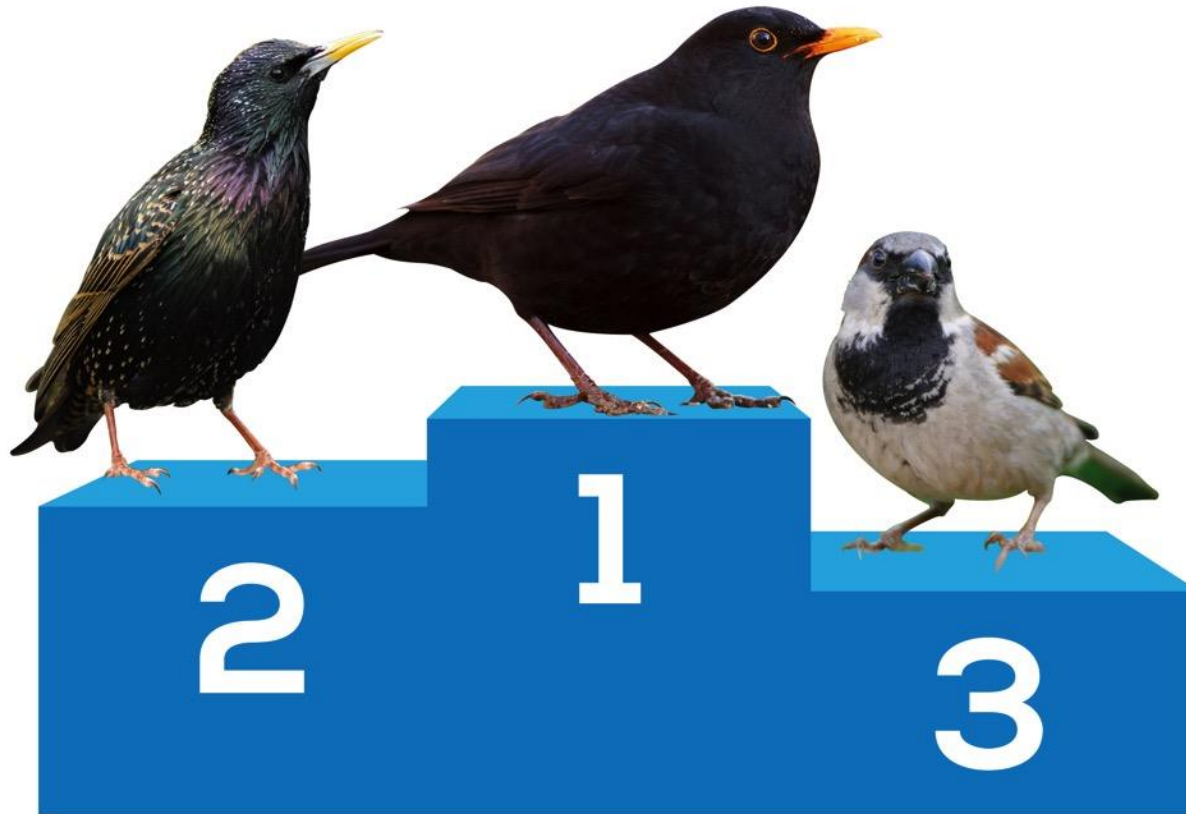
The Big Schools' Birdwatch helps the RSPB to...

...work out what birds are in trouble, and then do work to help them.

Birdwatch results, and other studies of birds, showed us that house sparrow numbers dropped in the UK between 1977 and 2008.



Last year over 90,000 pupils and teachers took part...



...and the [blackbird](#), [starling](#) and [house sparrow](#) topped the charts as the three most spotted species of birds across the UK!

**How can you tell
what type – or
species – of bird
you have seen?**

Who's who?

There are things that will help you work out what bird you are looking at.
You can identify them from how they look.



Look at the **size** and **shape** of their **beak**.

What **colour**
are
their
feathers?



What **size** and **shape**
is the bird?



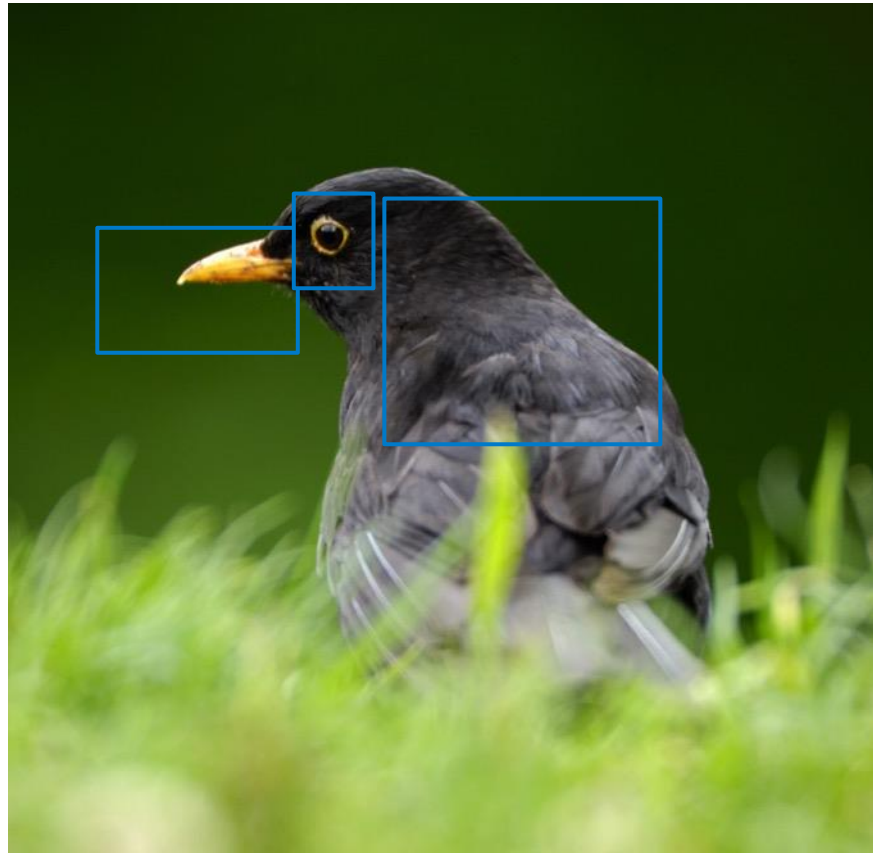
What are their
legs and feet like?

Listen to, and
try to
remember
their **song**.

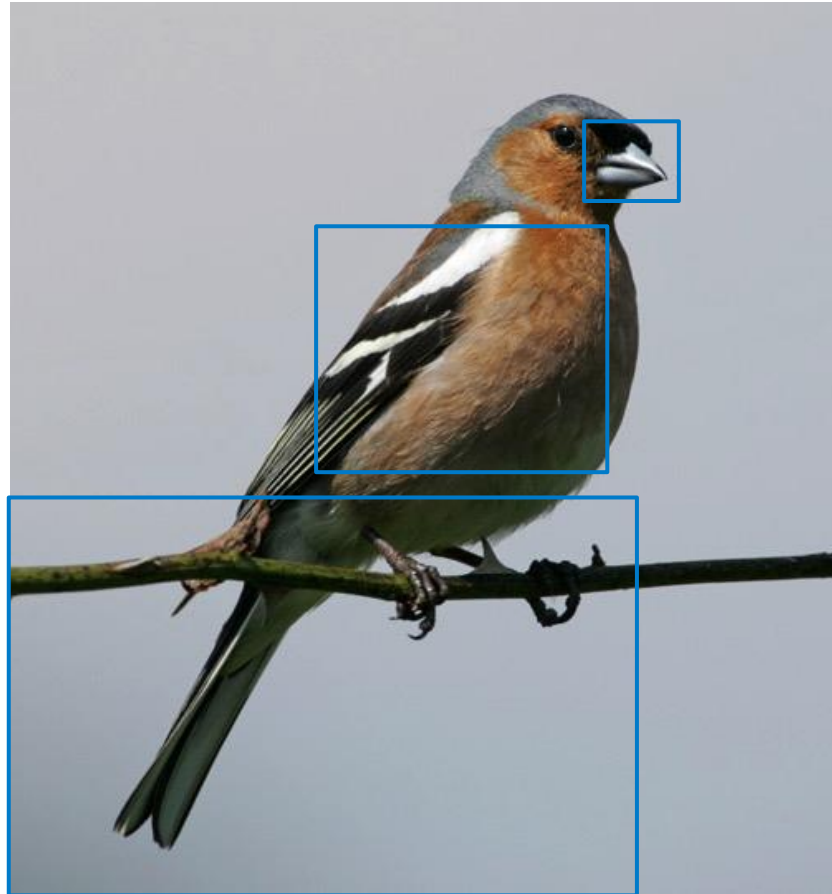


**Do you know
the names of
these birds?**

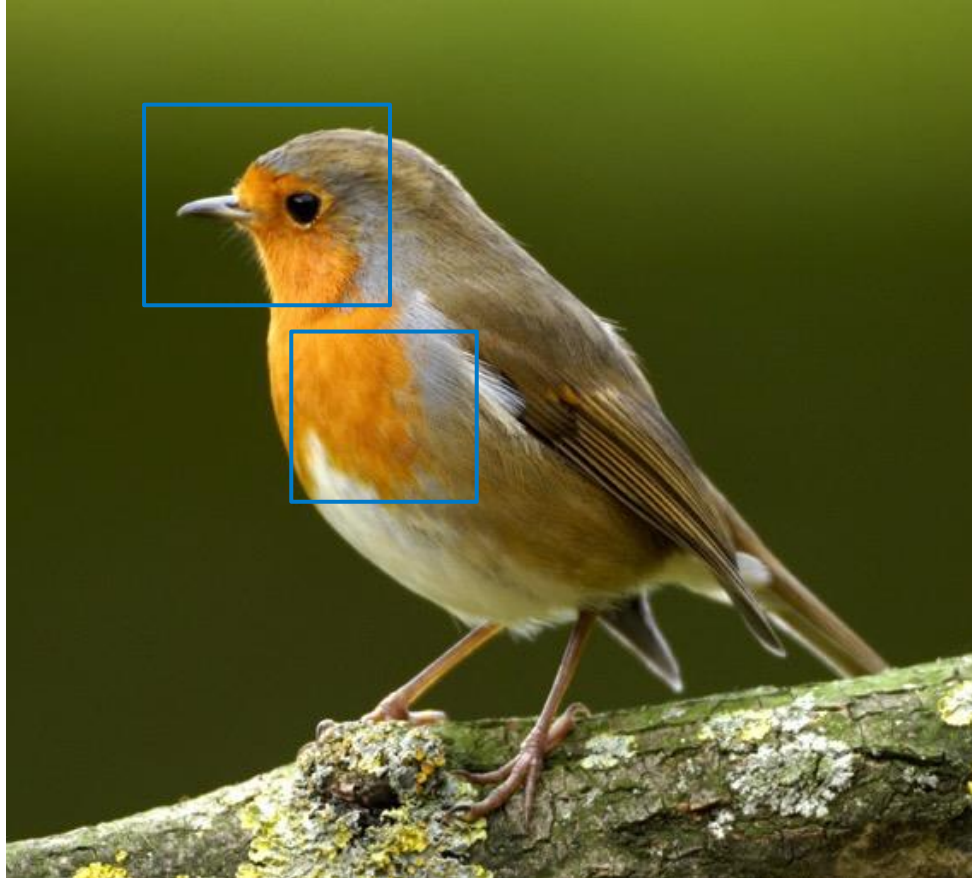
Blackbird



Chaffinch



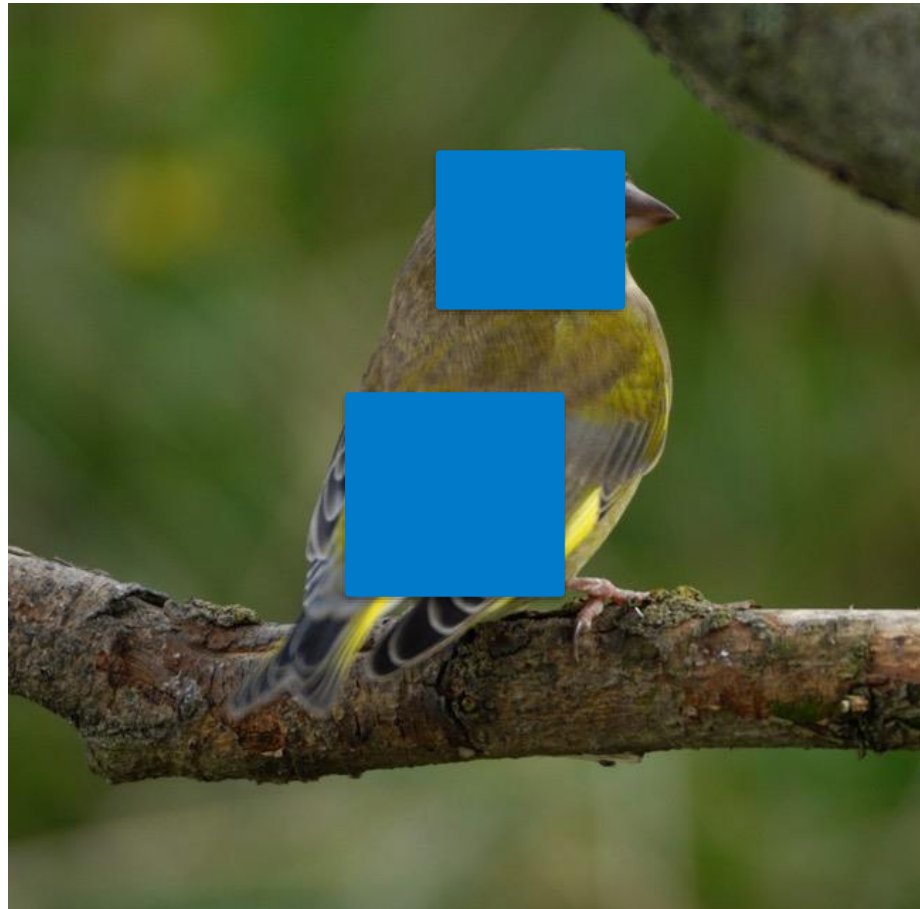
Robin



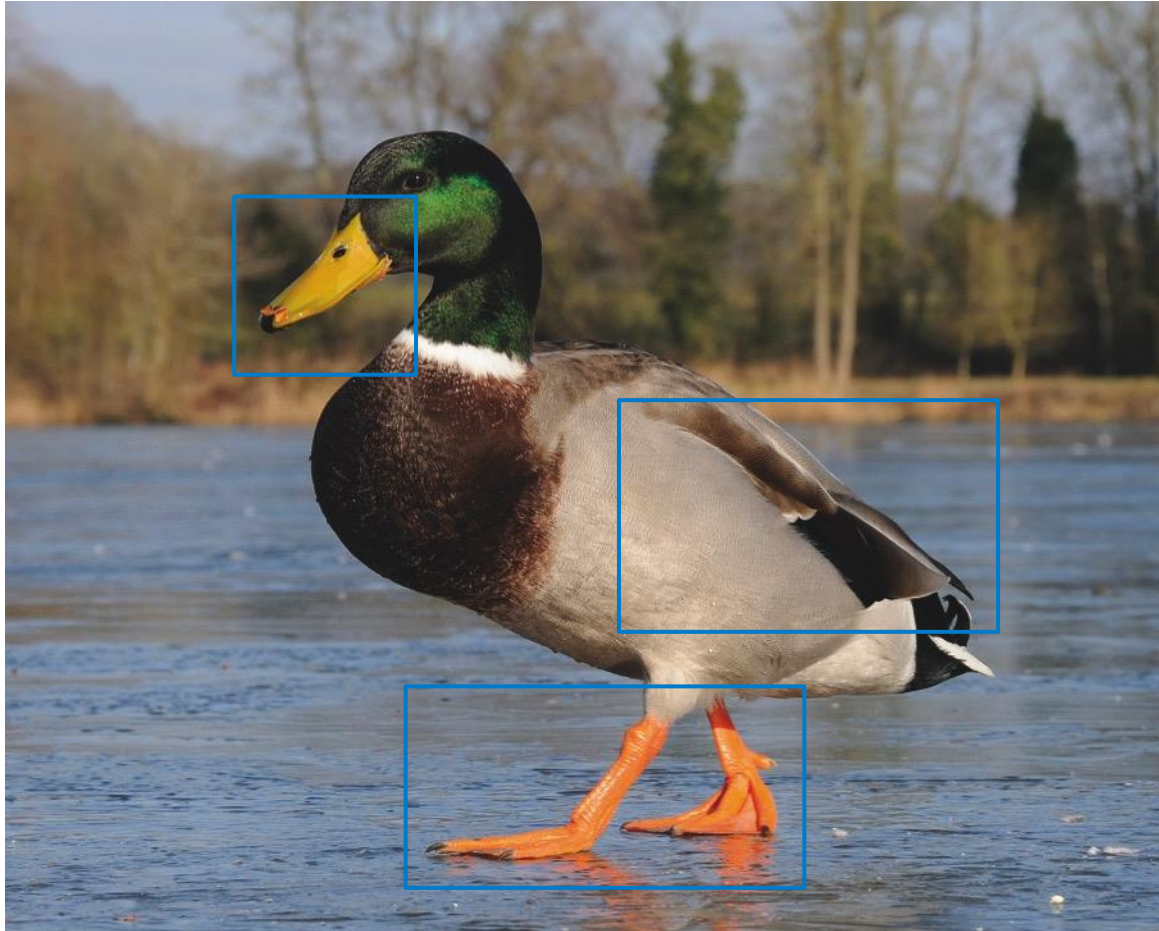
Great tit



Greenfinch



Mallard



A photograph of two young children, a girl in the foreground and a boy in the background, both looking through binoculars. The girl has blonde hair and is wearing a yellow patterned top and a white fuzzy cardigan. The boy has dark hair and is wearing a pink sweater. The background is dark and out of focus.

Now it's your turn!

The results of your Birdwatch
will help the RSPB's work
to give nature a home.

Let's make this the **biggest**
Big Schools' Birdwatch ever!

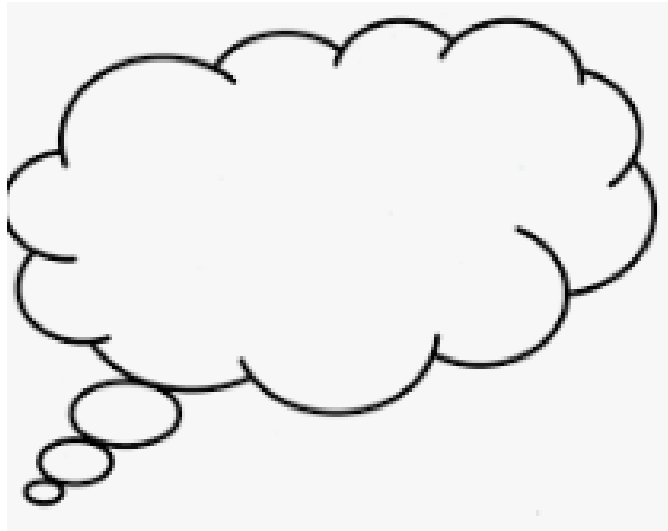
Using the data we collect about the different types of birds, what question could we investigate?

On a post-it note, with your partner,
Can you write a question we could investigate using the data we collect about birds.



Let's look at the questions we came up with and decide which ones we could collect data for to answer.

Think- Is that going to be possible to answer from the data we collect at school.



Let's look at the RSPB database again and think about what questions we can answer from this data.

RSPB – Find a bird



Which one question shall we investigate as a class by collecting data from the birds we see in our school grounds?

We're going to go outside with our collection sheets and see if we can spot any of these birds.













Let's use a tally method to record the numbers.

1	I	6	I
2	II	7	II
3	III	8	III
4	IIII	9	IIII
5		10	

What did you see?

Can you find a way to make it easy for you to note down the highest number of each species that you **see together at the same time**? There is room below each bird's name for you to add your idea for doing this.

Your name

	Woodpigeon		Blackbird
	Carrion crow		House sparrow
	Starling		Black-headed gull
	Magpie		Blue tit
	Robin		Feral pigeon
	Great tit		Chaffinch

lead ▪ learn ▪ protect ▪ engage



**Big Schools'
Birdwatch**

matching Pairs

How to play

- 1 Shuffle all the cards. Lay them face down.
- 2 Decide who will go first.
- 3 The first player chooses a card and carefully turns it over. The player then chooses another card and turns it over.
- 4 If the two cards are a matching pair – for example two robins – then they take the two cards and start a pile. If the cards are not a match they are turned back over and it is now the next player's turn.
- 5 The next player then chooses their first card and turns it over. Then they choose a second card to turn over. If they make a matching pair, they keep the matching cards and start their own pile.
- 6 Players take it turns, turning two cards over each, until there are no more cards left.
- 7 The winner is the one with the most cards at the end.