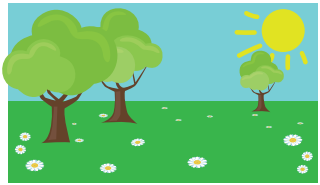


BIRD WATCHING

You will need:



OPEN SPACE



A TIMER

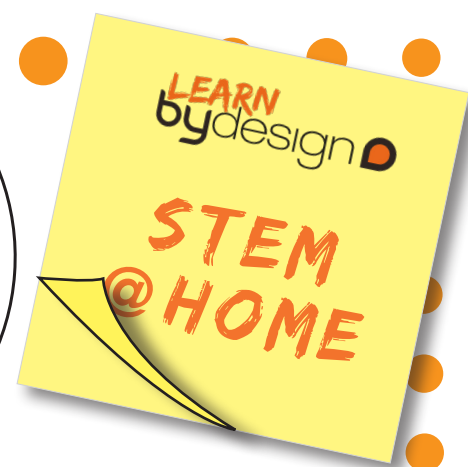


A PENCIL

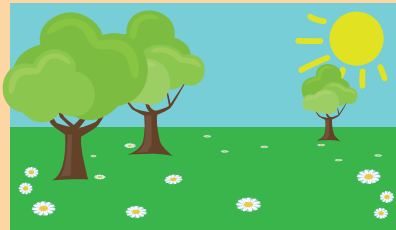


A RULER

Observations are a very important part of learning about animals and their behaviours. As scientists we like to collect data and then show it in different ways. During this activity you will collect your data using a tally, create a table of that data, and then present it by creating a bar graph.



Method:



Head out into nature for a walk, taking your pencil, timer and pages 2 and 3. Don't forget to wear suitable clothes and shoes for the weather!



Set your timer for half an hour and make a tally of all the birds that you see while you are walking on the table on page 2.

Share your results on social media
#LEARNBYDESIGN
@BYDESIGNGROUP
#STEMATHOMELBD

HAVE FUN WITH STEM AT HOME

Wood Pigeon	Blackbird	Robin	Collared Dove	Blue Tit
				
<p>Wood pigeons are the most common pigeon in the UK. They are mostly grey with white patches on their necks and wings.</p>	<p>Male blackbirds are black with an orange beak and ring around their eyes, but female blackbirds are actually brown!</p>	<p>Robins are easy to spot because of their bright red breast!</p>	<p>Collared doves live up to their name and have a little dark line where their collar would be</p>	<p>Blue tits are very bright little garden birds.</p>
Tally:	Tally:	Tally:	Tally:	Tally:
Great Tit	Goldfinch	Chaffinch	Starling	House Sparrow
				
<p>Related to the blue tit, great tits are yellow and green with a little black hat!</p>	<p>Goldfinches have very bright yellow on their wings</p>	<p>A male chaffinch can be almost pink in colour, while the females tend to be more brown</p>	<p>Starlings look black from a distance, but up close their feathers are very glossy and shine with purples and greens</p>	<p>House sparrows are quite boring looking little brown birds, but they have a lot of personality!</p>
Tally:	Tally:	Tally:	Tally:	Tally:



Name:	Name:	Name:	Name:	Name:
Tally:	Tally:	Tally:	Tally:	Tally:
Name:	Name:	Name:	Name:	Name:
Tally:	Tally:	Tally:	Tally:	Tally:



Now you have created your tally of all the birds that you have seen in half an hour, you need to label your table... Make one column for the species name and one for the number of birds. Maybe title these columns with **Bird Species** and **Count**?



Finally, you can create a bar graph to show the data you have collected!



Don't forget to label the X and Y axis!
And remember to give your graph a title!