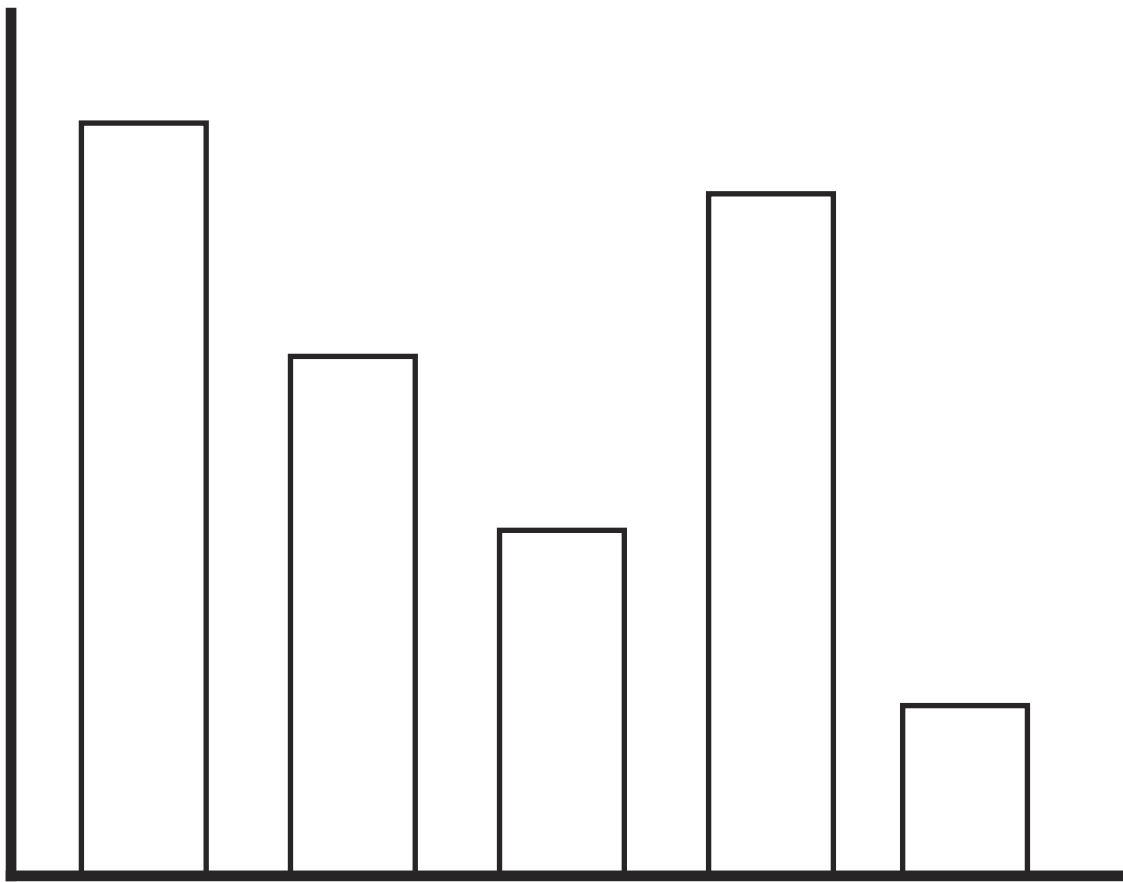


# Year 3 Statistics

## Activity Booklet



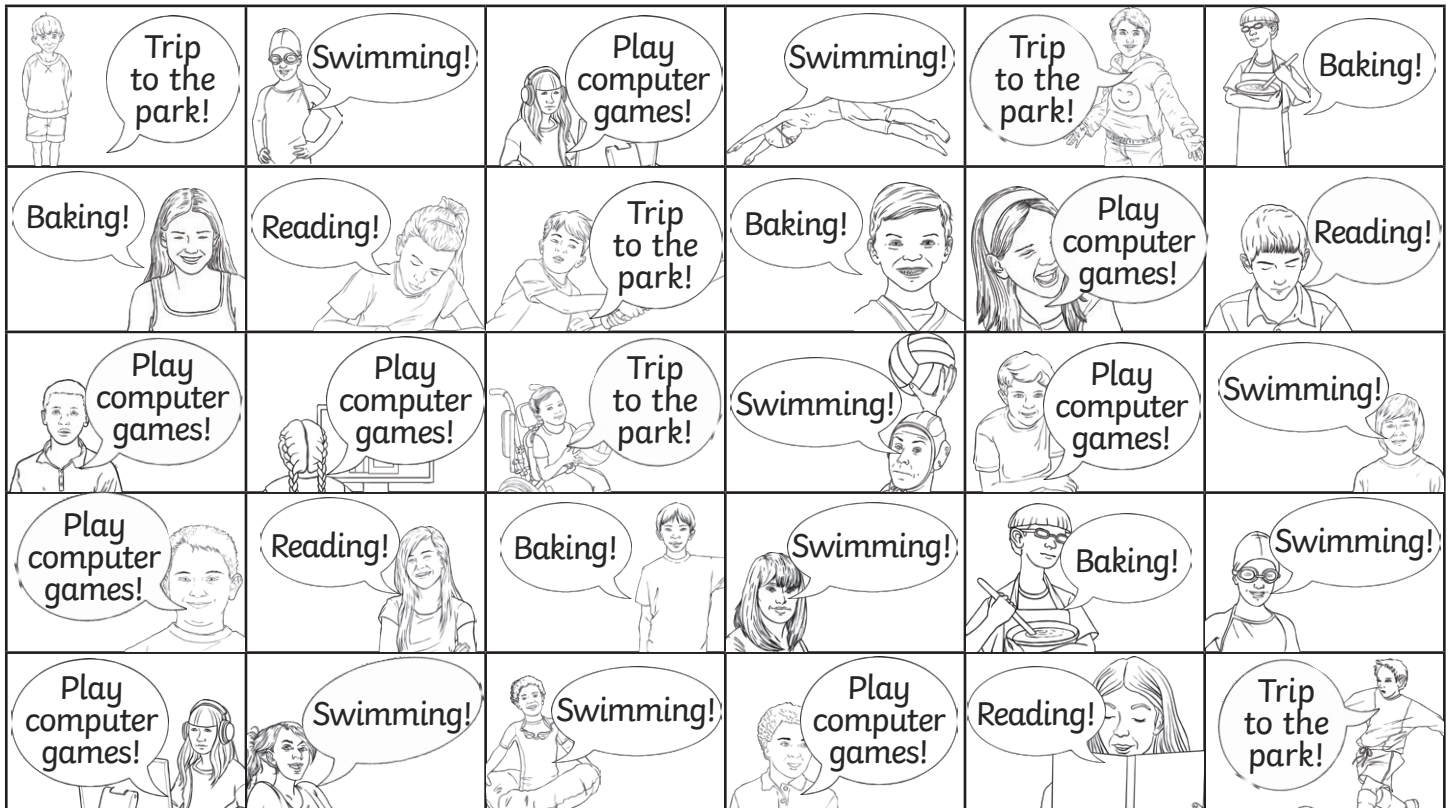
# Year 3 Statistics Learning from Home Maths Activity Booklet

## Year 3 Programme of Study – Statistics

Statutory Requirements	Activity Sheet	Page Number	Notes
Interpret and present data using bar charts, pictograms and tables.	Collecting and Presenting Data	1 - 2	
	Favourite Colour Tally and Bar Chart Activity Sheet	3 - 5	
Solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables.	Garden Birds Bar Graph	6 - 8	
	Reading Pictograms	9 - 11	

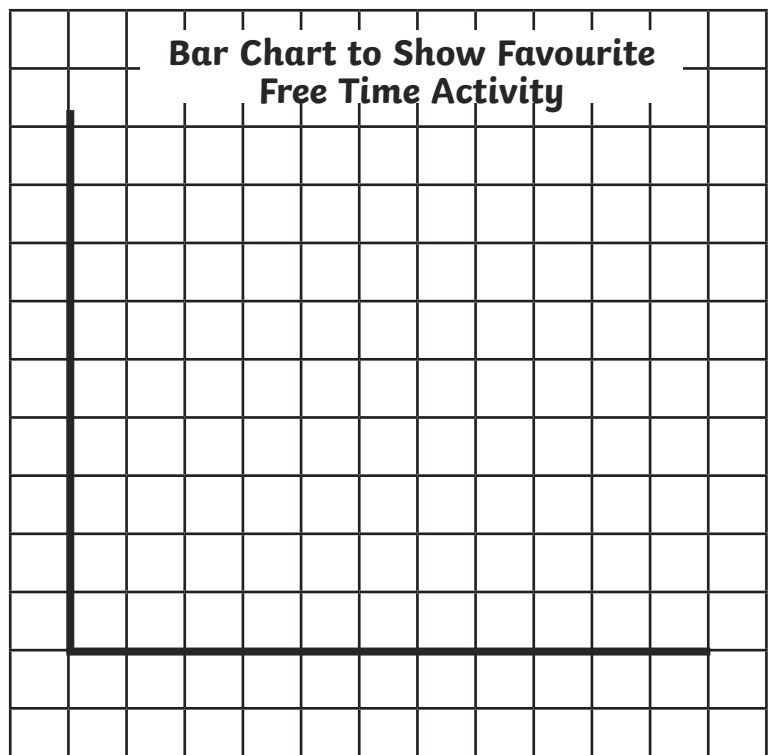
# Collecting and Presenting Data

30 children were asked to choose what their favourite activity for a free afternoon at home would be. Here are their answers.



1. Fill in the tally chart and then calculate the total of each response.
2. Draw a bar chart to present your data.

Activity	Tally	Total
Swimming		
Trip to the park		
Play computer games		
Baking		
Reading		

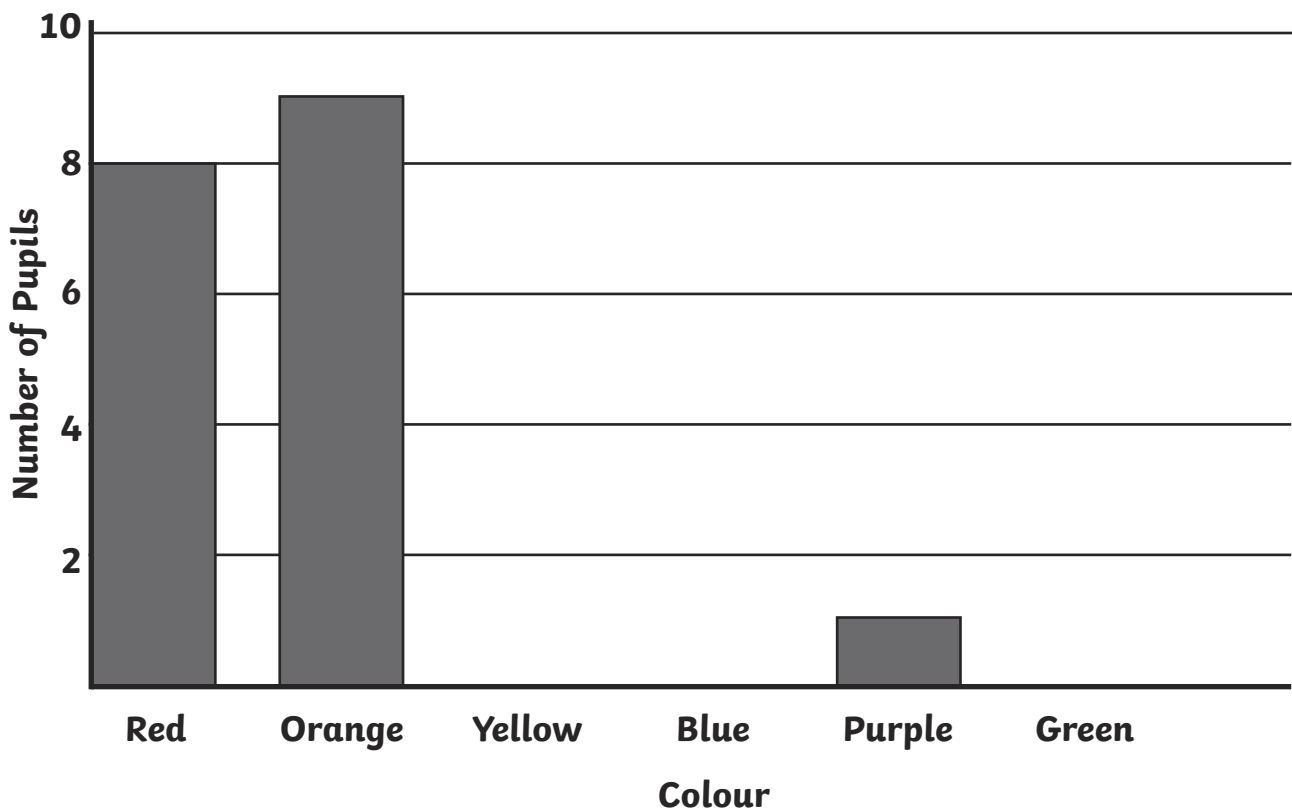


# Favourite Colour Bar Graph and Tallying

Here is a tally chart to show the favourite colour of a group of children.

Number of Children	
Red	8
Orange	9
Yellow	5
Blue	2
Purple	1
Green	7

Complete the tally chart and bar charts.



# Favourite Colour Bar Graph and Tallying

1. Which colour was the second most favourite?

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2. Which colours have a difference of 1 vote?

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3. How many more children voted for red than they did blue?

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4. How many children were asked about their favourite colour?

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5. Write the colours in order from favourite to least favourite.

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6. Which colours received over 5 votes?






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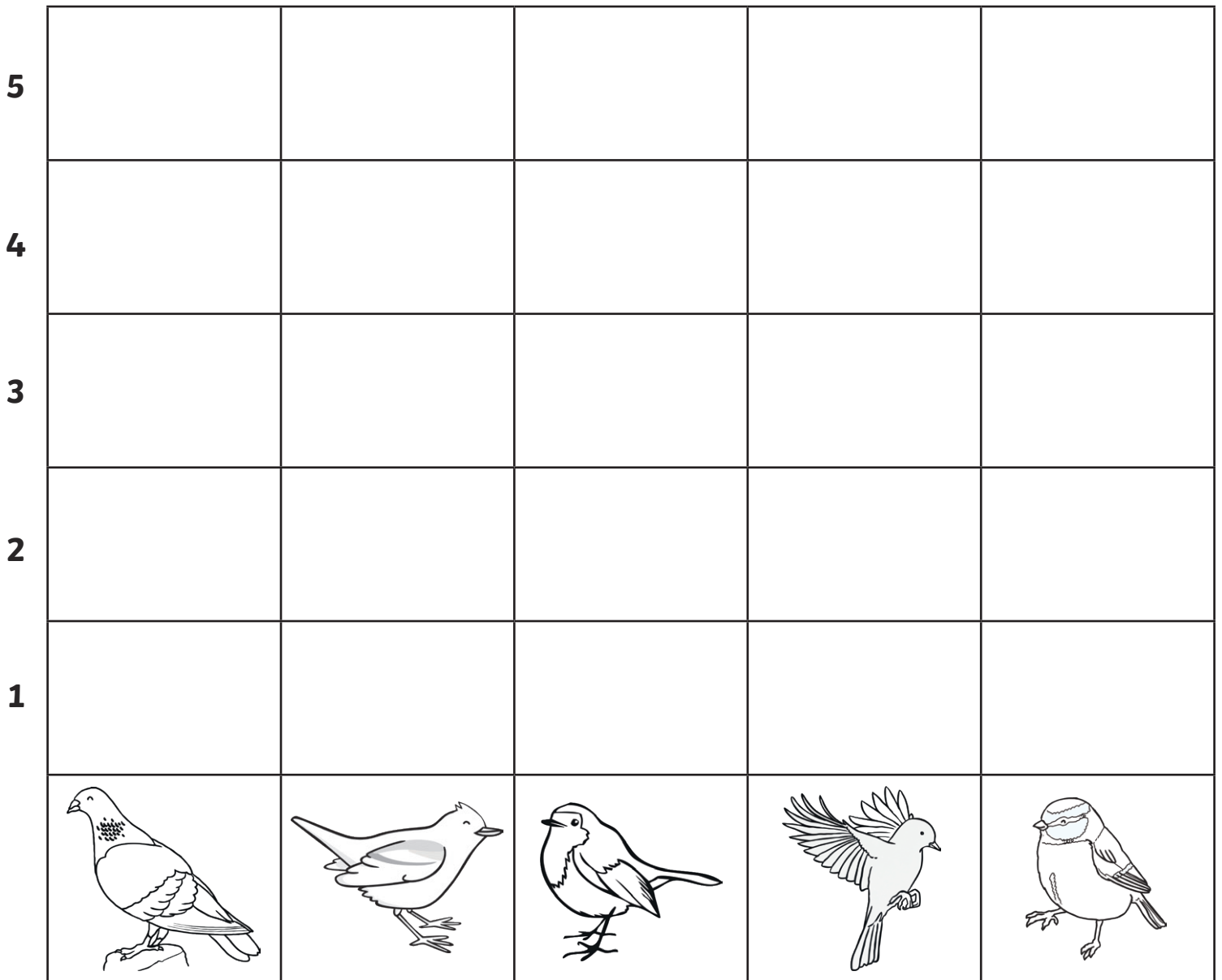
7. Which colour was least favourite?

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# Garden Bird Graph

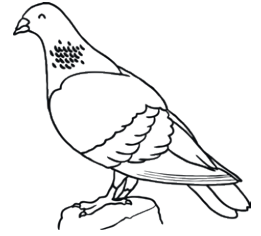
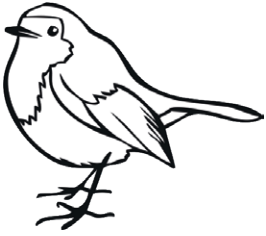
Complete the bar graph using the information below and then answer the questions about the graph.

Garden Bird	Tally
Robin 	
Chaffinch 	
Magpie 	
Blue tit 	
Pigeon 	

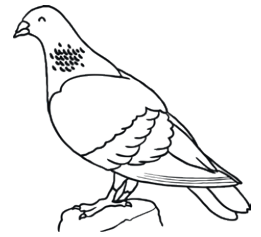
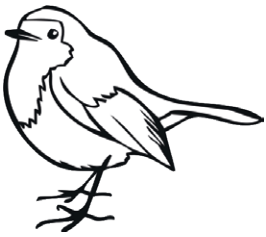


# Questions

1. Which garden bird was seen the most?



2. Which garden bird was seen the least?



3. How many were there altogether? \_\_\_\_\_

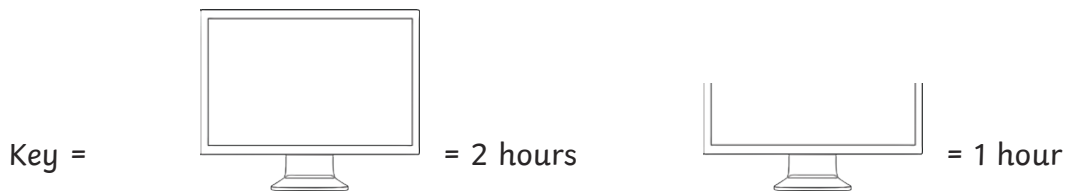
4. How many robins and chaffinches were seen? \_\_\_\_\_





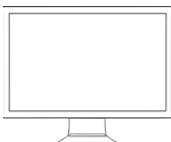
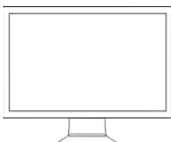
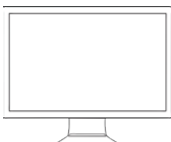
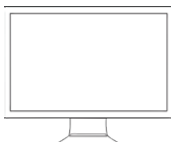


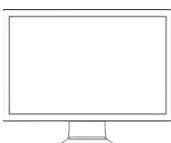
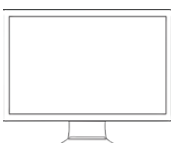



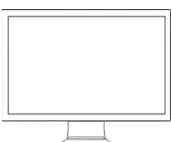
5. How many more robins than blue tits were seen? \_\_\_\_\_

6. How many fewer pigeons than magpies were seen? \_\_\_\_\_

# Reading Pictograms

The following pictogram shows the number of hours spent playing computer games by 6 children in one week. Can you answer the questions below?



					
					
					
					
					
					
					
					
<b>Dave</b>	<b>Laura</b>	<b>Delia</b>	<b>Caleb</b>	<b>Jenni</b>	<b>Ali</b>



# Reading Pictograms

1. Who played computer games for the longest amount of time?

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2. What is the difference in hours between the person who played the least and the person who played the most?

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3. Who played the most? Dave, Laura and Delia, or Caleb, Jenni and Ali.

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4. How many children spent **less than** 8 hours playing games?

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5. What was the total number of hours played on computer games?

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