

Year 2 Maths Statistics

Learning from Home Activities

Year 2 Programme of Study – Statistics

Statutory requirements	Activity Sheet	Page Number	Notes
Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.	Party Tally Chart	2	
	Birthday Block Graphs	4-5	
Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.	Sweet Boxes	3	
Ask and answer questions about totalling and comparing categorical data.	Super Statistics	6	
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Party Tally Chart

Here is a list of the children that Joe is inviting to his birthday party. Can you sort them into the table below according to how long their names are and then make a tally chart?

Sam	Sally	Mia	Connor	Billy	Sienna	Lucy
Isobel	Leah	Harriet	Jasmine	Patrick	Jack	Elsa
Sophie	Emily	Tyler	Oliver	Antonia	Phoebe	Harry

3 letters	4 letters	5 letters	6 letters	7 letters
Sam Mia				
Tally				

Which number of letters is most common? _____

Which number of letters is least common? _____

Now make a tally chart of your own using some of your friends' names.

Sweet Boxes

Each child at the party has a packet of coloured sweets in their party bag. When Jack empties his out, he notices that he has the following colours:

red	3
blue	5
yellow	2
green	1
pink	5
purple	6
orange	4
brown	1

Put this information into a pictogram. Draw a coloured circle for each colour of sweet. The first one is done for you.

Number of Sweets	6								
	5								
	4								
	3	●							
	2	●							
	1	●							
		red	blue	yellow	green	pink	purple	orange	brown
Colour of Sweets									

Which colour has the least number of sweets? _____

Which colour has the most number of sweets? _____

How many more sweets are purple than orange? _____

How many fewer sweets are brown than pink? _____

How many sweets are there in the packet altogether? _____

Now try this activity with your own packet of coloured sweets!

Birthday Block Graphs

Mrs Smith has made a list of the birthdays of all the children in her class. Put these birthdays into a tally chart and then a block graph.

January		February		March		April	
Sam	Lily	Leah	Cameron	Isobel	Harriet	Sophie	Joe
Sally	William	Oliver					
May		June		July		August	
Mia	Lucy	Patrick	Phoebe	Mark	Ruby	Callum	
Connor	Isobel	Charlotte		Amina			
Sienna				Hamza			
September		October		November		December	
Harry		Ellie				Ava	Tom

January		February		March		April	
May		June		July		August	
September		October		November		December	

9												
8												
7												
6												
5												
4												
3												
2												
1												
	J	F	M	A	M	J	J	A	S	O	N	D

Birthday Block Graphs

Checklist:

Did you label the axes of the graph?

Did you write the months along the bottom?

Did you write numbers along the side?

Did you colour in the right number of blocks for each month?

Now try to answer these questions:

Which month has the most birthdays? _____

Which month has the least birthdays? _____

Do any months have the same number of birthdays?

How many more people have a birthday in January than in August? _____

Which month has no birthdays at all? _____

How many children are in Mrs Smith's class? _____

Super Statistics

Use this chart and graph to collect some information about anything you choose. Talk to your helper about some different ideas. You could make a pictogram or a block graph. When you've made your graph, think of some questions that you could ask about it.

My questions:



Party Tally Chart

Here is a list of the children that Joe is inviting to his birthday party. Can you sort them into the table below according to how long their names are and then make a tally chart?

Sam	Sally	Mia	Connor	Billy	Sienna	Lucy
Isobel	Leah	Harriet	Jasmine	Patrick	Jack	Elsa
Sophie	Emily	Tyler	Oliver	Antonia	Phoebe	Harry

3 letters	4 letters	5 letters	6 letters	7 letters
Sam Mia	Lucy Leah Jack Elsa	Sally Billy Emily Tyler Harry	Connor Sienna Isobel Sophie Oliver Phoebe	Harriet Jasmine Patrick Antonia
Tally				

Which number of letters is most common? 6

Which number of letters is least common? 3




















Now make a tally chart of your own using some of your friends' names.

Sweet Boxes

Each child at the party has a packet of coloured sweets in their party bag. When Jack empties his out, he notices that he has the following colours:

red	3
blue	5
yellow	2
green	1
pink	5
purple	6
orange	4
brown	1

Put this information into a pictogram. Draw a coloured circle for each colour of sweet. The first one is done for you.

Number of Sweets	6								
	5								
	4								
	3								
	2								
	1								
		red	blue	yellow	green	pink	purple	orange	brown
	Colour of Sweets								

Which colour has the least number of sweets? green and brown

Which colour has the most number of sweets? purple

How many more sweets are purple than orange? 2

How many fewer sweets are brown than pink? 4

How many sweets are there in the packet altogether? 27

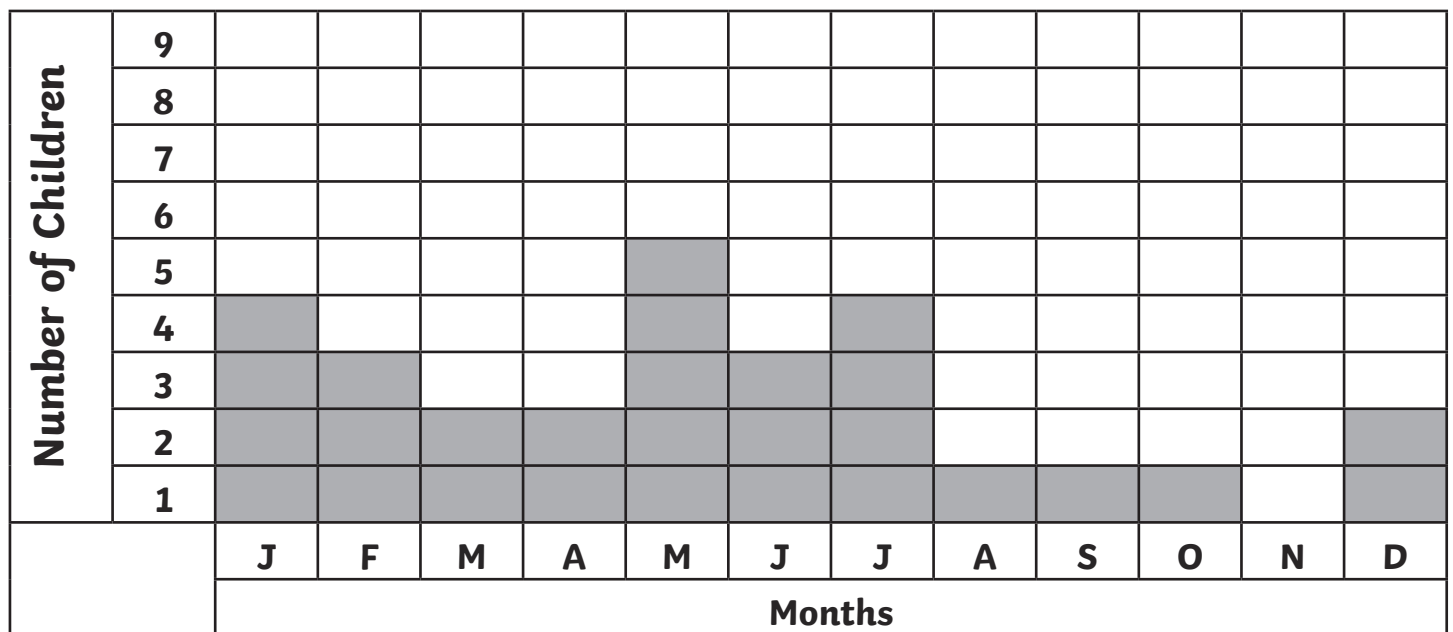
Now try this activity with your own packet of coloured sweets!

Birthday Block Graphs

Mrs Smith has made a list of the birthdays of all the children in her class. Put these birthdays into a tally chart and then a block graph.

January	February	March	April
Sam Sally	Lily William	Leah Cameron Oliver	Isobel Harriet Sophie Joe
May	June	July	August
Mia Connor Sienna	Lucy Isobel Patrick Charlotte	Mark Amina Hamza Phoebe	Callum
September	October	November	December
Harry	Ellie		Ava Tom

January	February	March	April
May	June	July	August
September	October	November	December



Birthday Block Graphs

Checklist:

Did you label the axes of the graph?

Did you write the months along the bottom?

Did you write numbers along the side?

Did you colour in the right number of blocks for each month?

Now try to answer these questions:

Which month has the most birthdays? May

Which month has the least birthdays? November

Do any months have the same number of birthdays?

August, September, October (1) March, April, December (2)

February, June (3) January, July (4)

How many more people have a birthday in January than in August? 3

Which month has no birthdays at all? November

How many children are in Mrs Smith's class? 28