Homework/Extension
Step 1: Make Tally Charts

National Curriculum Objectives:

Mathematics Year 2: (2S1) Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
Mathematics Year 2: (2S2a) Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
Mathematics Year 2: (2S2b) Ask and answer questions about totalling and comparing categorical data

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Construct a tally chart by counting images. Tallies up to 15.
Expected Construct a tally chart by counting images. Tallies up to 30.
Greater Depth Construct a tally chart by counting images and using given data to find missing information. Tallies up to 30.

Questions 2, 5 and 8 (Varied Fluency)
Developing Construct a tally chart from given information. Tallies up to 15.
Expected Construct a tally chart from given information. Tallies up to 30.
Greater Depth Construct a tally chart from two sets information and use given data to find missing information Tallies up to 30.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Complete a tally chart from two given clues. Tallies up to 15.
Expected Complete a tally chart from two given clues. Tallies up to 30.
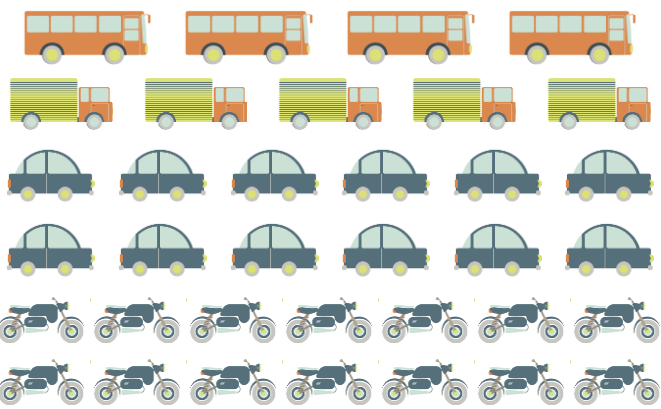Greater Depth Complete a tally chart from three given clues. Tallies up to 30.

More Year 2 Statistics resources.

Did you like this resource? Don't forget to review it on our website.

Make Tally Charts

1. Lewis counted the vehicles passing school.

Vehicles	Tally	Total
Cars		
Buses		
Lorries		
Motorbikes		

Complete the tally chart for him.

D

2. Sophia asked her class their favourite vegetable.

Vegetable	Tally	Total
Peas		
Carrots		
Leeks		
Cabbage		

> 13 chose peas, 11 chose carrots, 8 chose leeks and 4 chose cabbage.

Sophia

Complete the tally chart for her.

D

3. Sara asked her class their favourite type of jam. She made a tally chart but then she spilt a drink over it!

> Blackberry was the least popular.

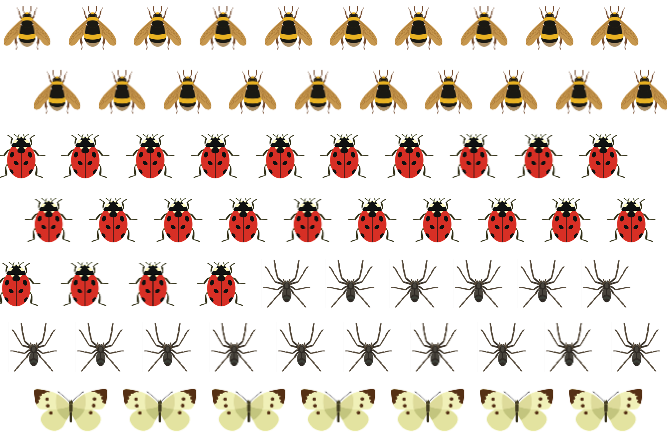| Ice-cream	Tally	Total
Raspberry	̶H̶I̶I̶I̶ I	
Strawberry	̶H̶I̶I̶I̶ ̶H̶I̶I̶I̶ ̶H̶I̶I̶I̶	
Blackberry		

Draw a tally chart to show what the missing tally could be.

D

Make Tally Charts

4. Alice counted the number of minibeasts she saw in her garden.

Minibeasts	Tally	Total
Bees		
Ladybirds		
Spiders		
Butterflies		

Complete the tally chart for her.

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5. Tariq asked his class what kind of pets they had.

Pets	Tally	Total
Dogs		
Cats		
Rabbits		
Goldfish		

23 had dogs, 22 had cats, 11 had rabbits and 5 had goldfish.

Tariq

Complete the tally chart for him.

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6. Samuel asked his class their favourite flavour of ice-cream. He started a tally chart but then he spilt a drink over it!

Chocolate was the most popular. Vanilla was the least popular.

Ice-cream	Tally	Total
Vanilla		
Strawberry	卌 卌 卌	
Chocolate		

Draw a tally chart to show what the missing tallies could be.

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Homework/Extension – Make Tally Charts – Year 2 Expected

Make Tally Charts

7. Ben counted the number of birds he saw at the safari park. He saw 80 birds in total. Here are some of the birds he saw.

Birds	Tally	Total
Eagles		
Pelicans		
Flamingos		
Penguins		

There were 5 more pelicans than eagles. Complete the tally chart.

⭐GD

VF
HW/Ext

8. Declan and Freya asked their class which capital cities in the UK they had visited.

City	Tally	Total
London		
Belfast		
Edinburgh		
Cardiff		

In my group, 10 had been to London, 9 to Edinburgh, 6 to Cardiff and 4 to Belfast.

Freya

In my group,15 had been to London, 14 to Edinburgh, 11 to Cardiff and 9 to Belfast.

Declan

Complete the tally chart for them.

⭐GD

VF
HW/Ext

9. Sameena asked 30 children their favourite colour. She started a tally chart but then she spilt a drink over it!

Red was the most popular, green was the least popular. An even number chose blue.

Colour	Tally	Total
Red		
Green		
Blue		

Draw a tally chart to show what the missing tallies could be.

⭐GD

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Homework/Extension – Make Tally Charts – Year 2 Greater Depth

Developing

1.

Vehicles	Tally	Total
Cars	卌 卌 II	12
Buses	IIII	4
Lorries	卌	5
Motorbikes	卌 卌 IIII	14

2.

Vegetable	Tally	Total
Peas	卌 卌 III	13
Carrots	卌 卌 I	11
Leeks	卌 III	8
Cabbage	IIII	4

3. Various possible answers. The tally for blackberry should be a value less than 6.

Expected

4.

Minibeasts	Tally	Total
Bees	卌 卌 卌 卌	20
Ladybirds	卌 卌 卌 卌 IIII	24
Spiders	卌 卌 卌 I	16
Butterflies	卌 II	7

5.

Pets	Tally	Total
Dogs	卌 卌 卌 卌 III	23
Cats	卌 卌 卌 卌 II	22
Rabbits	卌 卌 I	11
Goldfish	卌	5

6. Various possible answers. The tally for vanilla should be a value less than 15. The tally for chocolate should be a value more than 15.

Greater Depth

7.

Birds	Tally	Total
Eagles	卌 卌 卌 IIII	19
Pelicans	卌 卌 卌 卌 IIII	24
Flamingos	卌 卌 卌 卌 IIII	24
Penguins	卌 卌 III	13

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Greater Depth

8.

Cities	Tally	Total
London	IIII IIII IIII IIII IIII	25
Belfast	IIII IIII III	13
Edinburgh	IIII IIII IIII IIII III	23
Cardiff	IIII IIII IIII II	17

9. **Various possible answers. The value for red should be the highest and the value for green should be the lowest. The value for blue should be an even number and the total should be 40. For example, red = 16, green = 10, blue = 14**