



THIRD SPACE
LEARNING

Ready-to-go Lesson Slides

Year 2

Statistics
Lesson 4

Spr1

At Third Space Learning we provide personalised online lessons from specialist maths tutors to support the target groups in your school.

These ready-to-go slides are designed to work alongside our interventions to supplement quality first teaching and raise attainment in maths for all pupils.

To find out more about how you could use our 1-to-1 interventions year-round to boost maths progress in your school then get in touch:

020 3771 0095

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Boosting maths progress through 1-to-1 conversations...



To draw pictograms where symbols represent > 1 .

- ☐ I can draw pictograms with symbols that represent 2, 5 or 10 items
- ☐ I know that half a symbol means half the amount it represents
- ☐ I can count in twos, fives and tens to complete and draw pictograms

Starter:






Boiled	
Fried	
Scrambled	
Poached	
Do not eat eggs	

Class 2 were asked to choose how they prefer their eggs. There are 30 in the class, but 3 children were absent for the survey. If the 3 children had voted would boiled still be the most popular choice? Can you explain?

To draw pictograms where symbols represent > 1 .

Starter:

Class 2 were asked to choose how they prefer their eggs. There are 30 in the class, but 3 children were absent for the survey. If the 3 children had voted would boiled still be the most popular choice? Can you explain?

Boiled	
Fried	
Scrambled	
Poached	
Do not eat eggs	





Boiled would still be the most popular **unless** the 3 children all voted for scrambled.






3 more votes for scrambled would make 12 which would be 1 more than boiled. Boiled has 11.

To draw pictograms where symbols represent > 1 .

Talking Time:

Willow Class visited a local farm. They made a tally chart to record the animals they saw. They then made a pictogram. Can you use the tally chart to finish the pictogram?

animal	Key  = <u>2</u> animals
Sheep	
Cows	
Goats	
Hens	
Pigs	







animal	tally
sheep	
cows	
goats	
hens	
pigs	






Use the key in the pictogram.

To draw pictograms where symbols represent > 1 .

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animal	tally
sheep	
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Use the key in the pictogram.

To draw pictograms where symbols represent > 1 .

Talking Time:

Oak Class visited a different farm. They made this tally chart to record the animals they saw. They then made a pictogram. Can you use the tally chart to draw their pictogram?



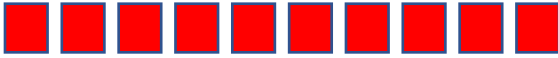
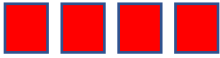


animal	tally
sheep	
cows	
goats	
hens	
pigs	






When you draw your pictogram, remember to use  for every 2 animals.

To draw pictograms where symbols represent > 1 .

Talking Time:

Oak Class visited a different farm. They made this tally chart to record the animals they saw. They then made a pictogram. Can you use the tally chart to draw their pictogram?


animal	Key  = <u>2</u> animals
sheep	
cows	
goats	
hens	
pigs	
































animal	tally
sheep	
cows	
goats	
hens	
pigs	

To draw pictograms where symbols represent > 1 .

Activity 1:

Here is a pictogram from Lesson 3.

Can you draw this pictogram again, but the key will be  = 2 votes?

destination	 = 1 vote
England	         
Scotland	 
Wales	   
Ireland	  
abroad	         
stayed at home	


Hint: for an odd number of votes, you will need to draw half of a sun.











































To draw pictograms where symbols represent > 1 .

Activity 1:

Here is a pictogram from Lesson 3.

Can you draw this pictogram again, but the key will be  = 2 votes?














destination	 = 2 votes
England	    
Scotland	
Wales	 
Ireland	 
Abroad	    
Stayed at home	

destination	 = 1 vote
England	     
Scotland	 
Wales	   
Ireland	  
abroad	     
stayed at home	

To draw pictograms where symbols represent > 1 .

Talking Time:

Year 2 investigated the number of minibeasts around school in one week. They made a tally chart of their results. Then they made a pictogram. Can you use the tally chart to complete the pictogram?

























minibeast	Key  = 5 minibeasts
woodlice	
ladybirds	    
	 
worms	
spiders	   

minibeast	Tally
woodlice	
ladybirds	
centipedes	
worms	
spiders	

To draw pictograms where symbols represent > 1 .

Talking Time:

Year 2 investigated the number of minibeasts around school in one week. They made a tally chart of their results. Then they made a pictogram. Can you use the tally chart to complete the pictogram?














minibeast	Key  = 5 minibeasts
woodlice	       
ladybirds	    
centipedes	 
worms	   
spiders	   

minibeast	Tally
woodlice	
ladybirds	
centipedes	
worms	
spiders	

To draw pictograms where symbols represent > 1 .

Talking Time:

A school decided to do a sponsored read for charity. They made a tally chart of their results. Then they made a pictogram. Can you use the tally chart to complete the pictogram?































year group	number of books read
	Key  = 5 books
1	 
2	 
3	 
4	 
5	 
6	 

year group	number of books read
1	
2	
3	
4	
5	
6	

To draw pictograms where symbols represent > 1 .

Talking Time:

A school decided to do a sponsored read for charity. They made a tally chart of their results. Then they made a pictogram. Can you use the tally chart to complete the pictogram?
































year group	number of books read
	Key  = 5 books
1	   
2	      
3	    
4	     
5	   
6	  

year group	number of books read
1	
2	
3	
4	
5	
6	

To draw pictograms where symbols represent > 1 .

Talking Time:

This tally chart and pictogram show the number of cars washed in a week at a hand car wash. Can you complete the missing information on the tally chart and pictogram?

day	Key  = 5 cars washed
Sunday	
Monday	
Tuesday	   
Wednesday	      
Thursday	
Friday	        
Saturday	         

day	tally
Sunday	
Monday	
Wednesday	
Thursday	
Saturday	


Talking Time:

































This tally chart and pictogram show the number of cars washed in a week at a hand car wash. Can you complete the missing information on the tally chart and pictogram?

[illegible]

To draw pictograms where symbols represent > 1 .

Activity 2:

Ava is going to turn the pictogram from earlier in this lesson into a pictogram with a key of  = 5 animals. Why would this be really tricky?


animal	Key  = <u>2</u> animals
sheep	         
cows	      
goats	  
hens	      
pigs	   



































Hint: Think about the 5 times table. All the answers end in 0 and 5.


To draw pictograms where symbols represent > 1 .

Activity 2:

Ava is going to turn the pictogram from earlier in this lesson into a pictogram with a key of  = 5 animals. Why would this be really tricky?

animal	Key  = <u>2</u> animals
sheep	         
cows	      
goats	  
hens	      
pigs	   



All of the answers in this pictogram do not end in a 5 or a 0, so changing it to a pictogram where  = 5 animals would be hard to draw.

Hint: Think about the 5 times table. All the answers end in 0 and 5.

To draw pictograms where symbols represent > 1 .

Talking Time:

Here is a tally chart. It shows how many loaves of bread were sold by a supermarket over one week. Can you turn this tally chart into a pictogram?

day	tally
Sunday	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

When you draw your pictogram use
















































= 5 loaves sold.

To draw pictograms where symbols represent > 1 .

Talking Time:

Here is a tally chart. It shows how many loaves of bread were sold by a supermarket over one week. Can you turn this tally chart into a pictogram?

day	Key  = 5 loaves of bread sold
Sunday	       
Monday	     
Tuesday	   
Wednesday	   
Thursday	     
Friday	       
Saturday	       

Score	Tally
Sunday	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

To draw pictograms where symbols represent > 1 .

Talking Time:

Here is a tally chart. It shows **how many T-shirts were sold by a supermarket over one week**. Can you turn this tally chart into a pictogram?

day	tally
Sunday	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

When you draw your pictogram use






































= 5 T-shirts sold.

To draw pictograms where symbols represent > 1 .

Talking Time:

Here is a tally chart. It shows **how many T-shirts were sold by a supermarket over one week**. Can you turn this tally chart into a pictogram?

Day	Key  = 5 T-shirts sold
Sunday	 
Monday	      
Tuesday	   
Wednesday	  
Thursday	    
Friday	    
Saturday	       














































day	tally
Sunday	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

To draw pictograms where symbols represent > 1 .

Talking Time:


Here is the loaves of bread pictogram from earlier.

Can you turn this pictogram where  = 5 loaves of bread sold into a pictogram where  = 10 loaves of bread sold?

Day	Key  = 5 loaves of bread sold
Sunday	       
Monday	     
Tuesday	   
Wednesday	   
Thursday	     
Friday	       
Saturday	       

Extension:

Is it possible to change this pictogram into one where
























 = 2 loaves of bread sold? How would you do that?











































To draw pictograms where symbols represent > 1 .

Talking Time:

Here is the loaves of bread pictogram from earlier.

Can you turn this pictogram where  = 5 loaves of bread sold into a pictogram where  = 10 loaves of bread sold?

Day	Key  = 10 loaves of bread sold
Sunday	   
Monday	  
Tuesday	 
Wednesday	 
Thursday	  
Friday	   
Saturday	   

Day	Key  = 5 loaves of bread sold
Sunday	      
Monday	     
Tuesday	   
Wednesday	   
Thursday	     
Friday	      
Saturday	      

To draw pictograms where symbols represent > 1 .

Activity 3:

Here is part of a pictogram showing cars sold at a garage.

Do you agree with Bishan?

Why? Why not?



This could equal 7 cars.
It could equal 14 cars.
It could even equal 35
cars or 70 cars.



To draw pictograms where symbols represent > 1 .

Activity 3:

Here is part of a pictogram showing cars sold at a garage.

Do you agree with Bishan?

Why? Why not?



This could equal 7 cars.
It could equal 14 cars.
It could even equal 35 cars or 70 cars.



Bishan is right.

If every picture of a car was worth 1, the total would be 7. 1, 2, 3, 4, 5, 6, 7.

If every picture of a car was worth 2, the total would be 14. 2, 4, 6, 8, 10, 12, 14.

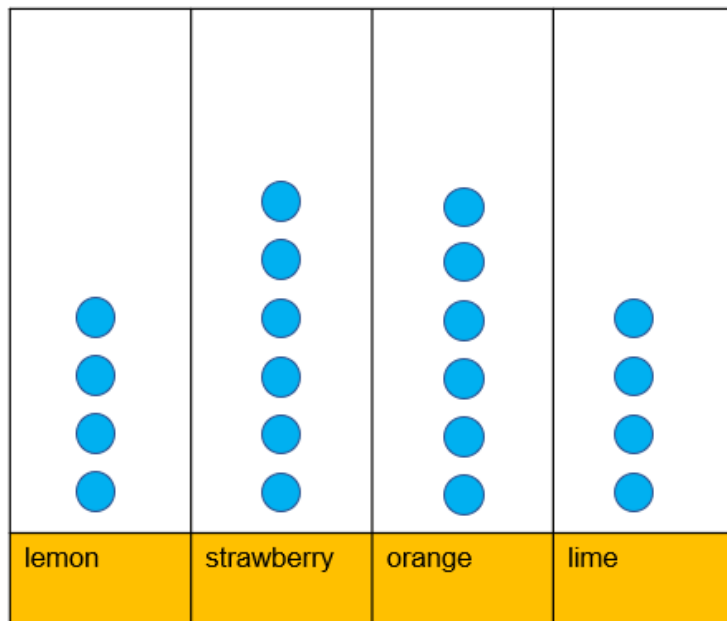
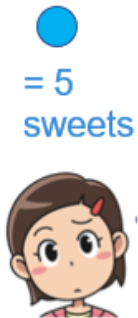
If every picture of a car was worth 5, the total would be 35. 5, 10, 15, 20, 25, 30, 35.

If every picture of a car was worth 10, the total would be 70. 10, 20, 30, 40, 50, 60, 70.

To draw pictograms where symbols represent > 1 .

Evaluation:

Bella and Freddy both draw a pictogram to show how many different fruit sweets there are in a big bag. What is the same and what is different about their pictograms?



flavour	Key ● = 10 sweets
lemon	● ●
strawberry	● ● ●
orange	● ● ●
lime	● ●

To draw pictograms where symbols represent > 1 .

Evaluation:

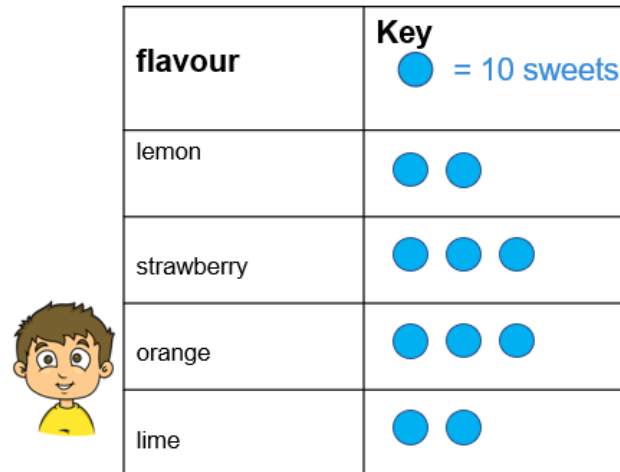
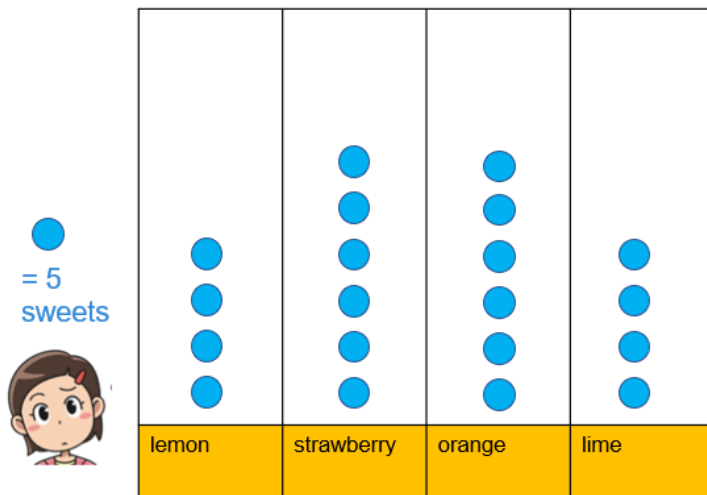
Bella and Freddy both draw a pictogram to show how many different fruit sweets there are in a big bag. What is the same and what is different about their pictograms?

The same

- Both use circles
- The information is the same
- The order of sweets is the same

Differences

- Bella counts in 5s and Freddy counts in 10s
- Freddy's pictogram is horizontal, while Bella's pictogram is vertical






Do you have a group of pupils who need a boost in maths this term?

Each pupil could receive a personalised lesson every week from our specialist 1-to-1 maths tutors.

- Raise attainment
- Plug any gaps or misconceptions
- Boost confidence

Speak to us:

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