

## Week 15 – Maths Statistics

This week is the last week before the summer holidays. During this week in maths children are going to explore tally charts and pictograms. There will be no Kahoot quizzes this week, but please carry on practising number bond addition and subtraction either via computer game or through home made resources. All the lessons for this week are below. On Monday, children are going to revisit the idea of a tally chart and are going to practice recording the data as a tally. On Tuesday, there is an outdoor activity (fingers crossed for the weather) on counting bugs and then creating their own tally chart. Wednesday's, Thursday's and Friday's activities are exploring pictograms, their interpretation, and children making their own pictogram.

**As a small challenge for summer:** Carry on counting in 2s, 5s and 10s and work on the number bonds knowledge. Children can even create a tally chart or pictogram representing how many times they have practised all the above!

Thank you very much for your continuous support,






Year 2 team

## Monday

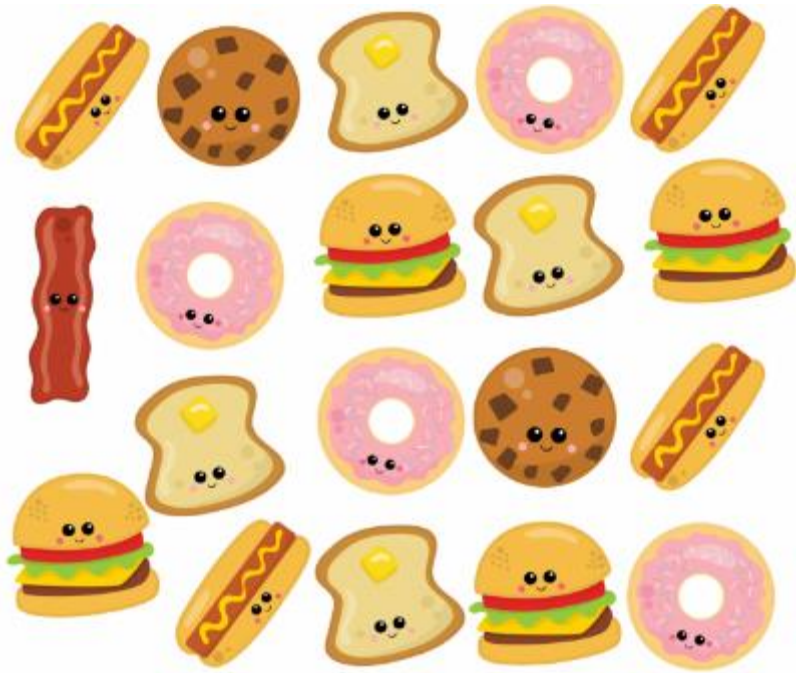
Before the lesson find up to 10 similar objects (e.g. pencils, spoons, books etc.). Show your child 3 objects. Ask the child how many objects there are. Now draw 3 vertical lines, explain this is a tally showing how many objects there are (do the children remember this?) Now count out five objects and draw a tally as 4 vertical straight lines and the 5<sup>th</sup> going diagonally across. Ask the child if they remember what it is. Discuss the way tally looks like. Ask your child what they think: why tallies go in the groups of 5? (ease of counting). Watch this small video: <https://www.bbc.co.uk/bitesize/clips/z7r9jxs>







Tell your child that today they are going to practice recording the amounts as a tally.

1. Practice making different amounts with the objects you prepared and recording the amount as a tally on a piece of paper.
2. How many objects? Count the objects, record the total as a number and then represent the number as a tally. The first example has been done for you.

Objects	Total	Tally
	8	
		
		
		

3. Look at this “I spy” picture, count the objects, record them in the chart and represent the number as a tally. Discuss strategies they can use to make sure they count all the objects accurately (e.g. crossing off an item as they count it).







Object	Total	Tally
	4	
		
		
		
		
		

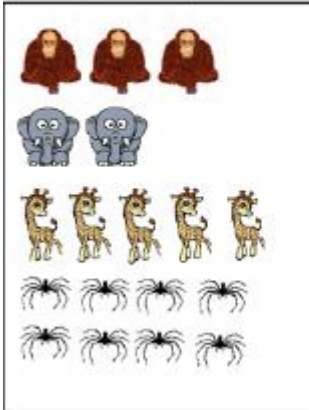
In today's maths lesson the children are going to continue practising making tallies. Tell your child that today they are going to be researchers. Their task is to go for a walk to a park or garden. While in the park choose a small green area. Spend some time watching and recording all the different bugs/children/bikes. Make sure you draw your tally chart before going to the park, you can decide what you are going to record in advance or wait until you get there and decide depending on what you can see. If you prefer you could find some sticks in the park and use them to represent the tallies as they record their data. There is an optional challenge to complete afterwards.

### Challenge (optional)

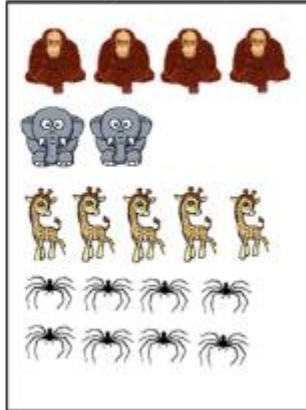
Alex makes a tally chart of the animals he saw at the zoo. Which box shows all the animals Alex saw and explain your thinking.

Animal	Tally
	
	
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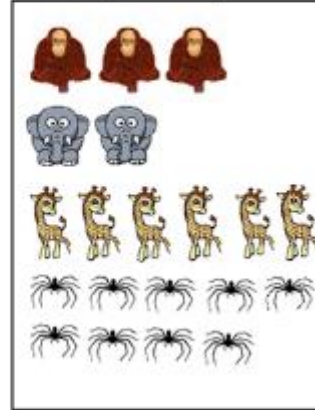
Box 1



Box 2








Box 3



Tell your child that today they are going to explore the different way of recording data. Ask your child if they heard the word “pictogram” before. Think about the meaning of the word: “picto” stands for drawing/picture and “gram” stands for recording. Look at the pictogram and tally chart below. What similarities and differences can the children spot?

	Tally	Total
Brownie		4
Ice Cream	/	5
Cake		3
Sandwich	/	6

Food		Total
Brownie		4
Ice cream		5
Cake		3
Sandwich		6

Key  - 1

Discuss that pictogram is similar to the tally chart because it is still recording how many objects there are. Instead of drawing lines it is possible to represent the amount in a pictorial way. Look at other examples of pictograms below.

Key:  means 1 child

Fruit	Favorite Fruit
 apple	
 banana	
 strawberry	
 pear	
 grapes	

Symbol of a toy is 

Sunday	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	





FRUIT	NUMBER OF CHILDREN WHO CHOSE IT
PEAR	
WATERMELON	
ORANGE	
APPLE	
BANANA	

Your task today is to choose one of the tally charts you created from Monday or Tuesday and draw it as a pictogram. Can you make up a story based on one of the pictograms above. Can you come up with the story for each pictogram?


## Thursday

Today's lesson will be focussed on reading different pictograms. See activities below.

This pictogram represents year 1s favourite t-shirts.

Colour	
Blue	
Yellow	
Red	
Purple	

**Key**

 - 1 T-shirt

Discuss:

What is the most popular colour?

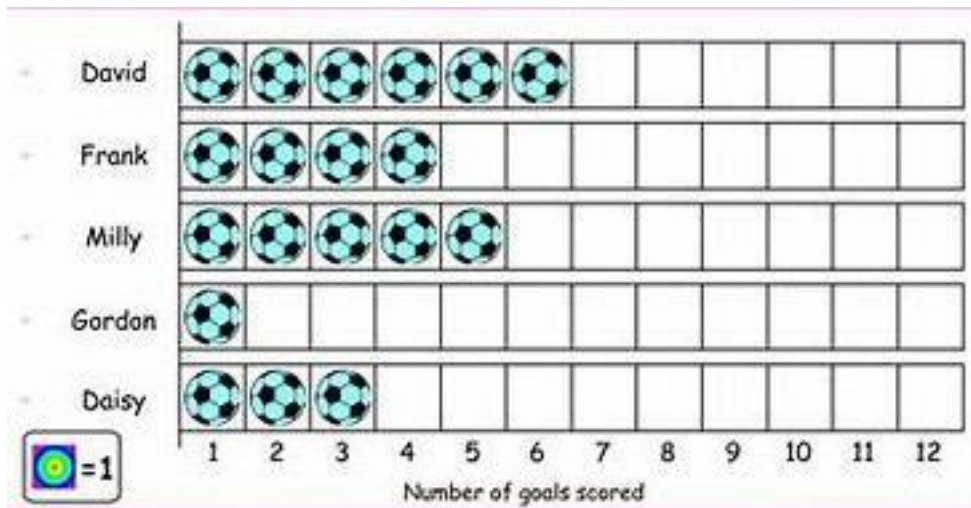
What is the least popular colour?

How many children chose red t-shirts?

How many more children chose blue t-shirts than purple?

**Challenge:** How many children altogether chose either red or yellow t-shirt? How many children are in year 1 class?

Children were playing football and recorded the goals each of them scored



Who scored the most goals?

Who scored the least?

How many goals did Frank score?

How many goals did Milly and Daisy score together?

**Challenge**

You know that David and Frank played in one team and Milly, Gordon and Daisy played for another team. Which team scored more goals?

## Friday

Today you are going to create your own pictogram. You will count and record how many words “please” and “thank you” you use throughout the day. Choose the sign/picture/shape that are going to represent “thank you” and “please”. Draw a chart, you can use a template below, and get starting. Don’t forget about the key.

Word Used	Frequency
Thank you!	
Please!	

Key -