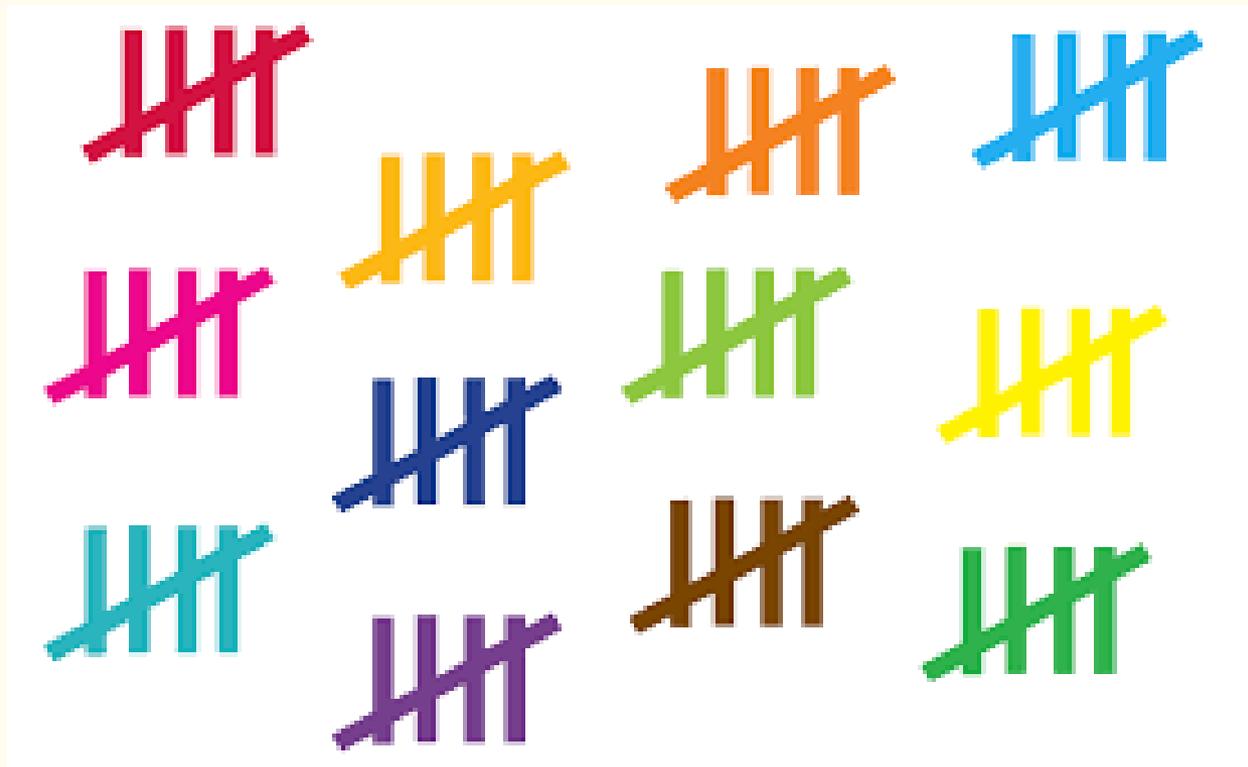


Statistics!

Tally Charts



Today we are going to be learning all about Statistics!



WALT: Read and interpret data from a Tally Chart.

WILF:

- **I can read data from a Tally Chart.**
- **I know what a group in a Tally is worth.**

Before we start **interpreting data** we need to know what it means and **how** to read it!



So how do we do this?

A **tally chart** is a table used for counting and **comparing groups or objects**.

Garden Bird		Tally
 Robin		
 Chaffinch		
 Magpie		
 Blue Tit		
 Pigeon		

The lines are the **Tally!** It tells you how many there are.

Types of birds

So what does the Tally Chart Show?

For example, there is **1 pigeon** because there is only **1 Tally** line next to it. But there are **5 chaffinches** in the garden because there are **5 Tally lines**.

Garden Bird	Tally
 Robin	
 Chaffinch	
 Magpie	
 Blue Tit	
 Pigeon	

Tally showing how many there is.

Types of birds

- Tally Charts are always counted in groups of 5. So every time you write 5 Tally marks like this  the fifth mark goes across because you are using the 5 times tables. It is 1 group of 5.
- But if it **less than 5** you just need to do Tally marks like this .

Types of birds

Garden Bird	Tally
 Robin	
 Chaffinch	
 Magpie	
 Blue Tit	
 Pigeon	

Tally showing how many there is.

The reason why it is in **groups of 5** is because it is **easier** to count!

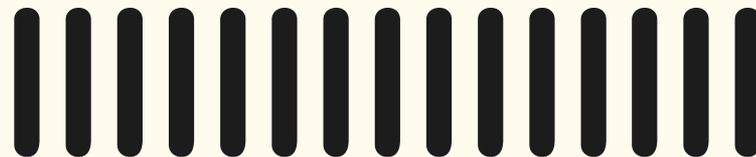
For example it is easier to count this:



$$5+5+5= 15$$

$$3 \times 5 = 15$$

Than this



**Let's have a go at reading some
Tally Chart!**



Kitty made a **tally chart** of the birds in her garden.

Garden Bird	Tally
 Robin	
 Chaffinch	
 Magpie	
 Blue Tit	
 Pigeon	



Count the Tallys and answer the questions

1. How many **Robins** are in the garden?
2. How many **Chaffinches** are in the garden?
3. How many **Magpie's** are in the garden?
4. How many **Blue Tit's** are in the garden?

Kitty made a tally chart of the birds in her garden.

Garden Bird	Tally
Robin	(4)
Chaffinch	(5)
Magpie	(3)
Blue Tit	(2)
Pigeon	(1)

1. How many Robins are in the garden?
2. How many Chaffinches are in the garden?
3. How many Magpie's are in the garden?
4. How many Blue Tit's are in the garden?

Let's have a go at reading some
more Tally Charts!



Year 2's favorite animals

Animal	Tally
	
	
	
	

1. How many children liked horses?
2. How many children liked **Turtles**?
3. How many children liked **elephants**?
4. How many children liked **pandas**?

Year 2's favorite animals

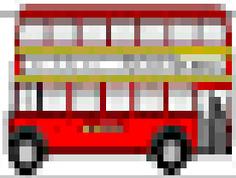
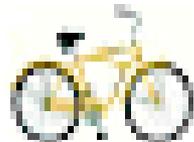
Animal	Tally
	(5)
	(4)
	(2)
	(7)

1. How many children liked horses?
2. How many children liked **Turtles**?
3. How many children liked **elephants**?
4. How many children liked **pandas**?

Lets make it **SPICY!**

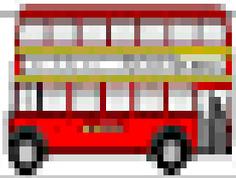


How children came to school.

Transport	Tally
Car 	
Bus 	
 Bike	
Train 	
Walk 	

1. How many children took the bus to school?
2. How many children walked to school?
3. How many children came to school by car?
4. How many children came to school on the train?
5. How many children came on their bikes to school.

How children came to school.

Transport	Tally
Car 	(4)
Bus 	(2)
 Bike	(2)
Train 	(1)
Walk 	(10)

1. How many children took the bus to school?
2. How many children walked to school?
3. How many children came to school by car?
4. How many children came to school on the train?
5. How many children came on their bikes to school.

Lets make it
SPICIER



Favorite Colors

COLOUR		TALLY
Red		
Orange		
Pink		
Blue		
Purple		
Yellow		
Green		

1. How many children liked **yellow**?
2. How many children liked **blue**?
3. How many children liked **purple**?
4. How many children liked **orange**?
5. How many children liked **pink**?
6. How many children liked **green**?
7. How many children liked **red**?

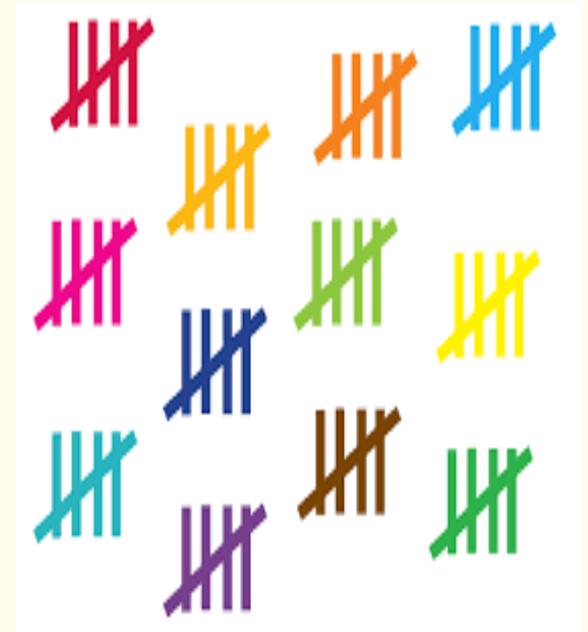
Favorite Colors

COLOUR			TALLY
Red		(13)	
Orange		(3)	
Pink		(7)	
Blue		(17)	
Purple		(7)	
Yellow		(17)	
Green		(15)	

1. How many children liked **yellow**?
2. How many children liked **blue**?
3. How many children liked **purple**?
4. How many children liked **orange**?
5. How many children liked **pink**?
6. How many children liked **green**?
7. How many children liked **red**?

Plenary

- A **tally chart** is a table used for **counting** and **comparing groups** or objects.
- The **lines** are the **Tally!** It tells you **how many** there are.
- Tally Charts are always counted in **groups of 5**. So every time you draw **5 Tally marks** like this  the **fifth mark** goes **across** because you are using your **5 times tables**.
- But if it is **less than 5** you just need to do **Tally marks** like this 



You're the Best!

