

Tuesday 2nd June

I can make and interpret tally charts.

What is a tally chart? A tally chart is a quick and easy way of recording data.

Tally charts are useful as it is quicker to record data with a dash than it is to repeatedly write out words or figures.

Here is an example tally chart which is investigating the favourite colours of children in Year 3:

COLOUR	TALLY	TOTAL
Red		13
Orange		3
Pink		7
Blue		20
Purple		7
Yellow		17
Green		15
Other		3

The example demonstrates how it is quicker and clearer to interpret data when tally marks are used, instead of re-writing the word 'blue' every time a child says that this is their favourite colour.





When there are five tally lines, the fifth is recorded by drawing the line across the first four, like so:

|||| = 4 + + + + = 5

Grouping the results in 5s then makes it easier to add up the total frequency at the end, rather than adding up each individual dash.

It is also helpful to include a total or frequency column so that the totals can be added up at the end.

Let's look at yesterday's pictogram. Use this to fill in the tally and total or frequency

Pizza type	Number of children
Pepperoni	
Hawaiian	
Vegetarian	
Cheese & tomato	

Pizza type	Tally	Total
Pepperoni		
Hawaiian		
Vegetarian		
Cheese and tomato		

Now try the tally and total the favourite fruits table and answer the questions.

Then tally and total the shoe size table and answer the questions.

You can print or copy the answers in your book.

Challenge:

Eva has created a table to show how many boys and girls took part in after school clubs last week.

Day	Boys	Girls
Monday	11	9
Tuesday	18	12
Wednesday	13	11
Thursday	8	8
Friday	9	7

Eva says,



106 boys took part in after school clubs last week.

Is Eva correct?

Explain why.