08.06.20 P2 Data Handling – BAR CHARTS (revision)

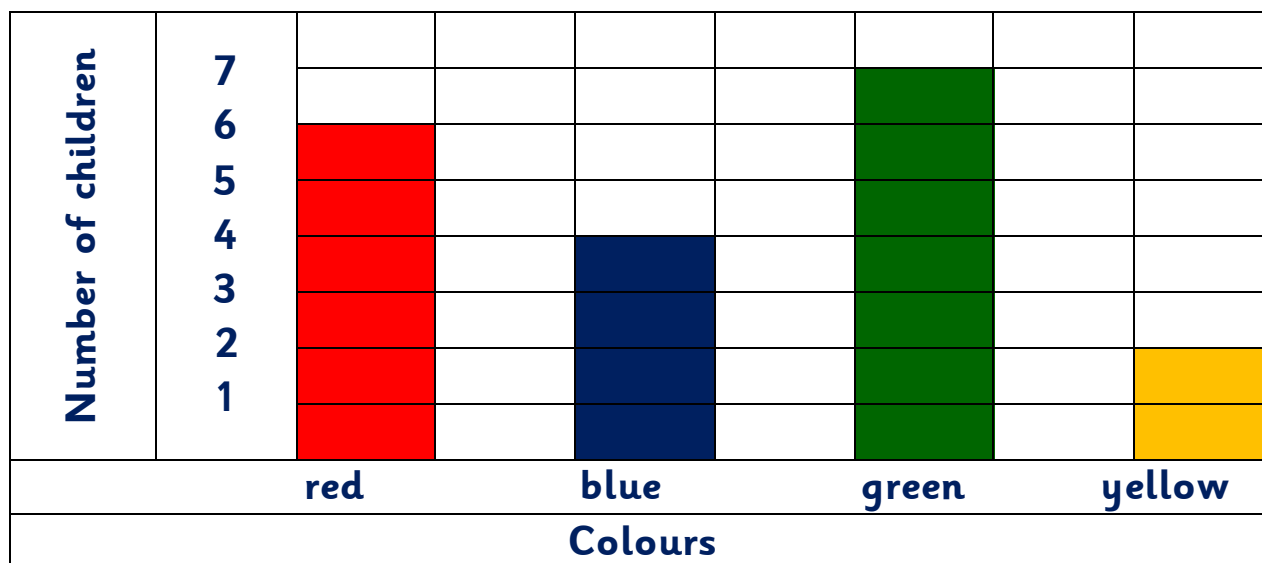## WALT use a simple bar chart to answer questions. (MNU 1-20a)

Last week we looked at **a Pictogram**. A Pictogram shows information gathered using pictures. Each picture represented an amount e.g. 🙂 **= people.**

Another way to show information which has been collected is on a **bar chart.**

Instead of pictures, a bar chart has "bars" – in the examples below vertical columns, to show the amounts. The width of the bars has to be the same but the height changes with the amount they are showing.

A bar chart needs **a title** **and labels** telling the reader what the numbers mean and what the bars are showing. Below, the title is: **Favourite colour in class P2 and the labels are Number of children (for the numbers) and Colours (for the bars).**
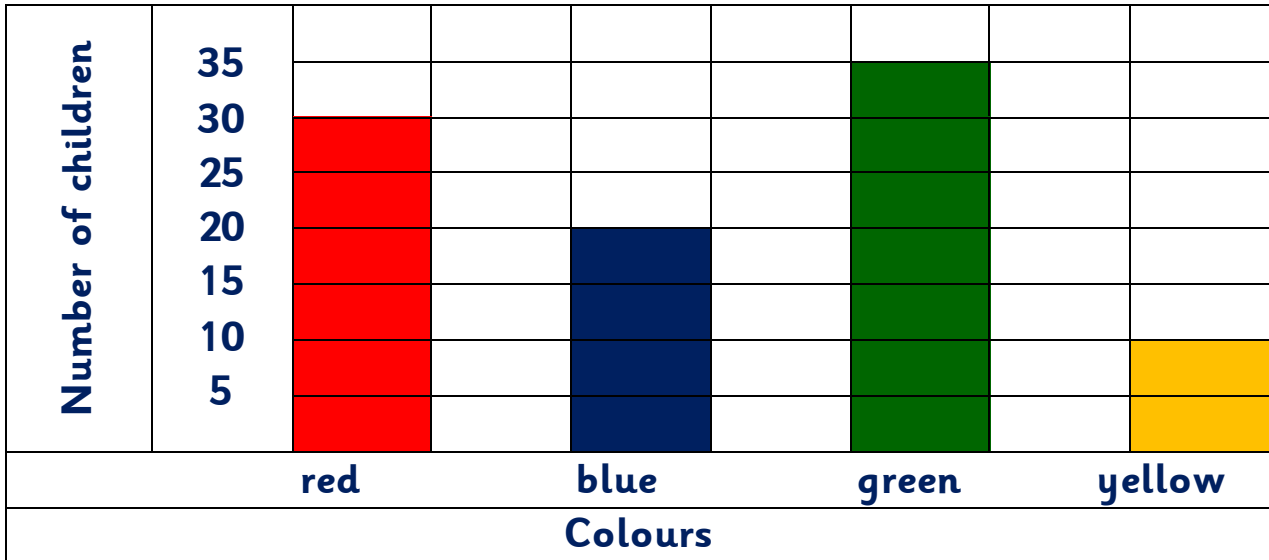
Favourite colour in class P2

Questions:

1. How many children like the colour blue?

2. How many like the colour green?

3. How many more children like green than blue?

4. What is the total number of children who like red and yellow?

5. Which colour is the favourite? How can you tell?

6. Which colour is the least favourite? How can you tell?

7. How many children altogether said what their favourite colour was?

Favourite colour in class P2

Number of children		red	blue	green	yellow
35				■	
30		■		■	
25		■		■	
20		■	■	■	
15		■	■	■	
10		■	■	■	■
5		■	■	■	■
		red	blue	green	yellow

Colours

The bar chart above shows the same labels but the **scale** has changed. Instead of each box showing 1 pupil, it now shows 5 pupils. The scale goes up in 5s (you can use your knowledge of skip counting in 5s).

Questions:

1. How many children like the colour blue?

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3. How many more children like green than blue?

4. What is the total number of children who like red and yellow?

5. How many children altogether said what their favourite colour was?

Bar charts are often used to show information in businesses, hospitals, banks, schools, shops etc. They often use very big numbers in the

hundreds, thousands or even millions, so it is much easier to see the information on a bar chart. The Government uses a bar chart to show how many people have caught Covid19 each day. It is easy to see if the numbers are going up or down.

Challenge: Make up a bar chart of your own about something. Remember the title and the labels. Show it to someone and ask them questions on it.