

## 08.06.20 P2 Data Handling – BAR CHARTS (revision)

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

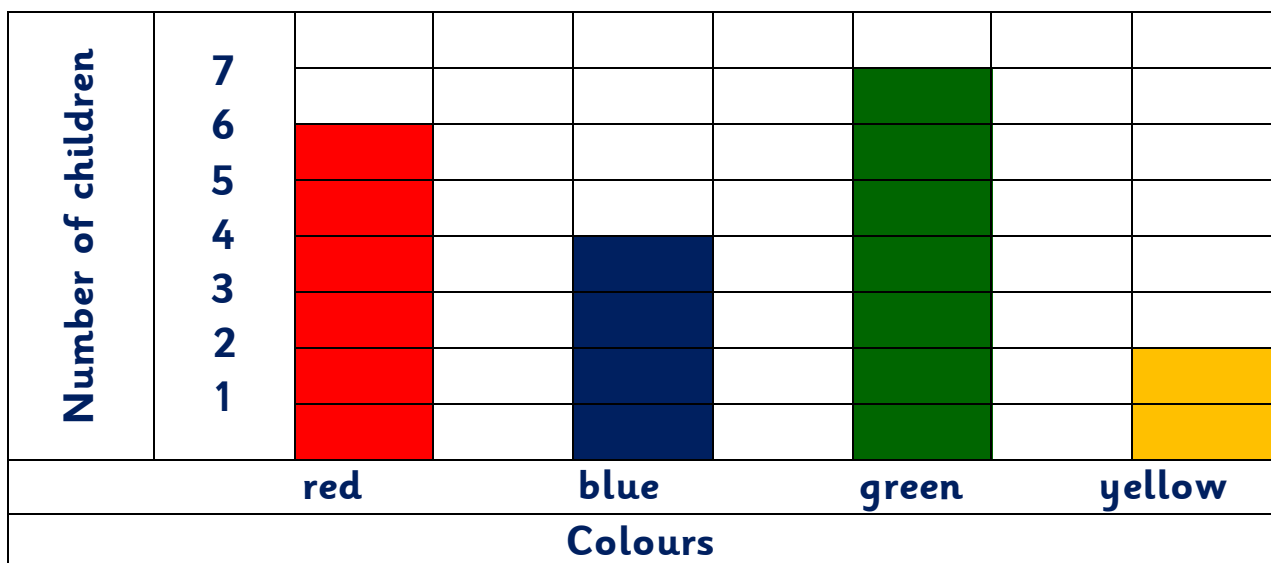
Last week we looked at **a Pictogram**. A Pictogram shows information gathered using pictures. Each picture represented an amount e.g. 😊 = **people**.

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

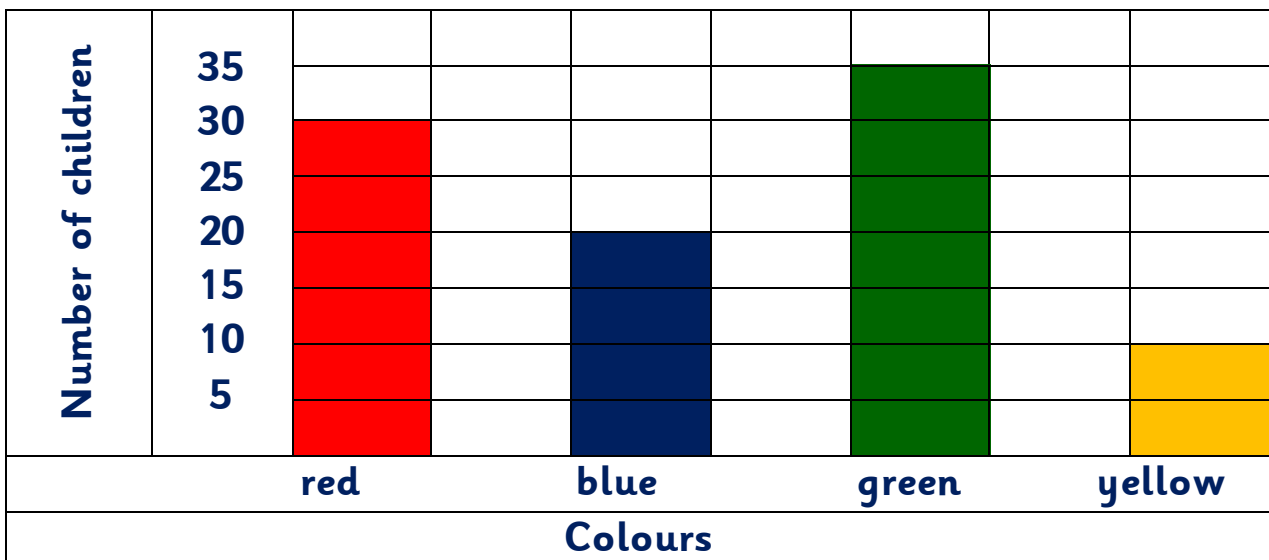


### Questions:

1. How many children like the colour blue? **4**
2. How many like the colour green? **7**
3. How many more children like green than blue?  **$7 - 4 = 3$**

4. What is the total number of children who like red and yellow?  $6 + 2 = 8$
5. Which colour is the favourite? **green** How can you tell? **It has the tallest bar.**
6. Which colour is the least favourite? **yellow** How can you tell? **It has the shortest bar.**
7. How many children altogether said what their favourite colour was?  $6 + 4 + 7 + 2 = 19$

### Favourite colour in class P2



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? **20**
2. How many like the colour green? **35**
3. How many more children like green than blue?  $35 - 20 = 15$

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

$$30 + 10 = 40$$

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

$$30 + 20 + 35 + 10 = 95$$

Bar charts are often used to show information in businesses, hospitals, banks, schools, shops etc. 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.**