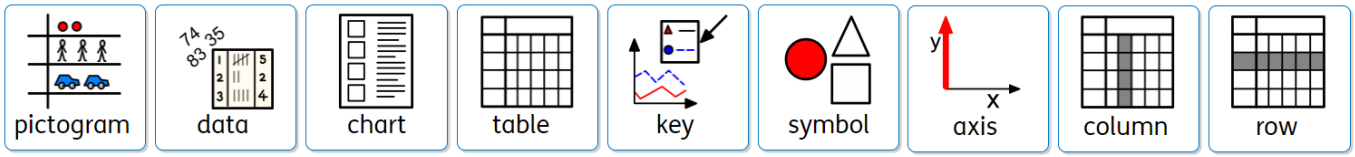
Monday 22.2.21 - Maths

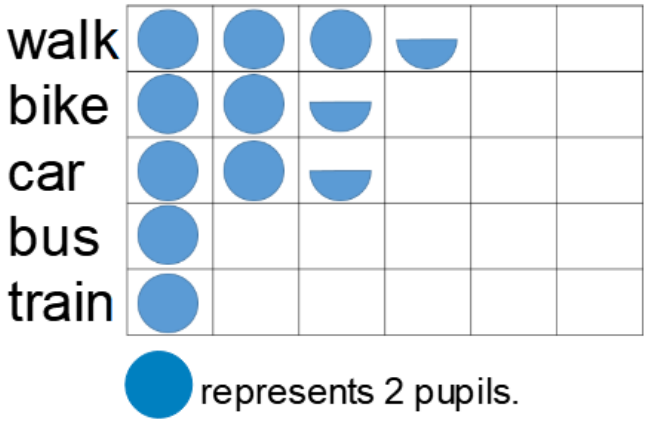
Task – To read and understand pictograms



True or false?

1. Car is the most popular?
2. 6 pupils went by car?
3. 2 people travelled by train and bus?
4. 2 more people walked than went by car?

Modes of transport used by pupils to travel to school on Tuesday morning

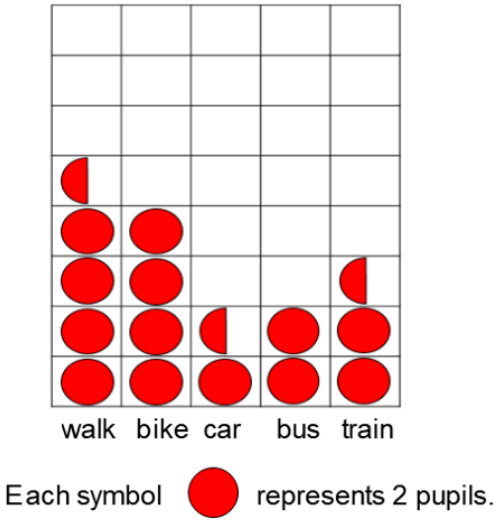


True or false?

1. 3 people travelled by car
2. Bus is the least popular mode of transport
3. 6 people travelled by train
4. 1 more person walked than went by bike
5. 2 more people went by train than by bus
6. Double the number of people went by bike than by bus

Main task Part A

Modes of transport used by pupils to travel from school on Tuesday afternoon



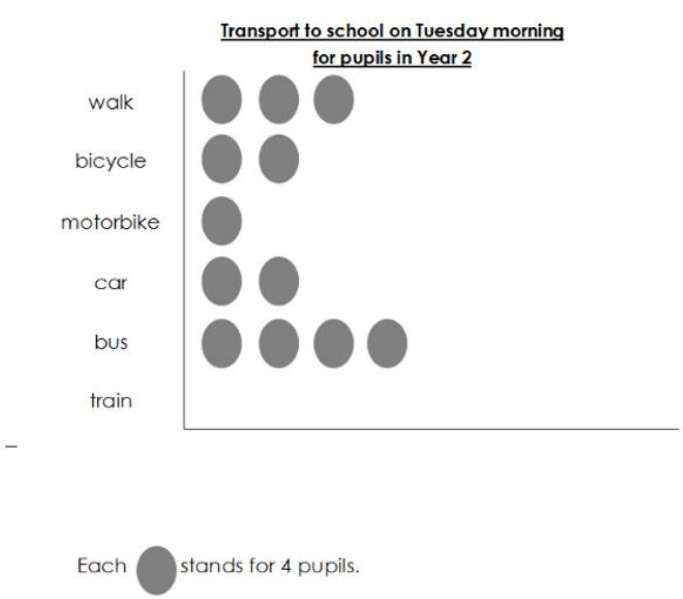
Challenge

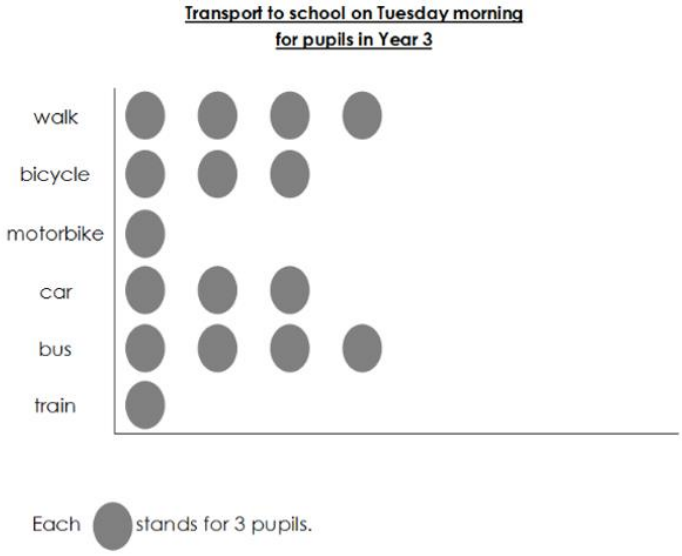
How many people were surveyed?

Why do you think most people walk to this school?

Monday 22.2.21 – Maths continued

Main task part B





Questions

1. How many pupils in total came by bus?

2. Did more pupils walk from year 2 or year 3?

3 How many pupils in year 2 took the train?

4 The same number of pupils from each year came by motorbike, true or false?

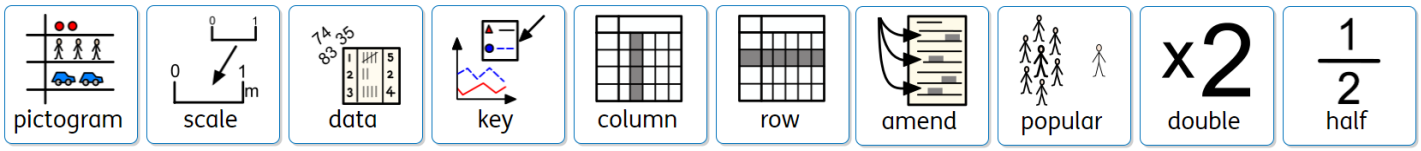
5. How many more went by bike in Year 3 than in Year 2?

Challenge

2 children from year 2 got a taxi. How would you represent this?

Tuesday 23.2.21 – Maths

Task – To construct pictograms



Your turn -
Turn this data into a pictogram
Year 3 favourite colour
Red - 6
Yellow - 2
Orange - 8
Blue - 4

1. Rows or columns?
2. How many?
3. Decide on a scale (look for similarities with your numbers)
4. Draw mathematically (same size etc)

Task A – answer the questions

Task A

Lion	8
Rhino	8
Meerkat	14
Elephant	5
Antelope	3

Animal	Results
Lion	
Rhino	
Meerkat	
Elephant	
Antelope	

= 2 people

Jake has turned his data into a pictogram

How many mistake can you see?

Can you correct them?

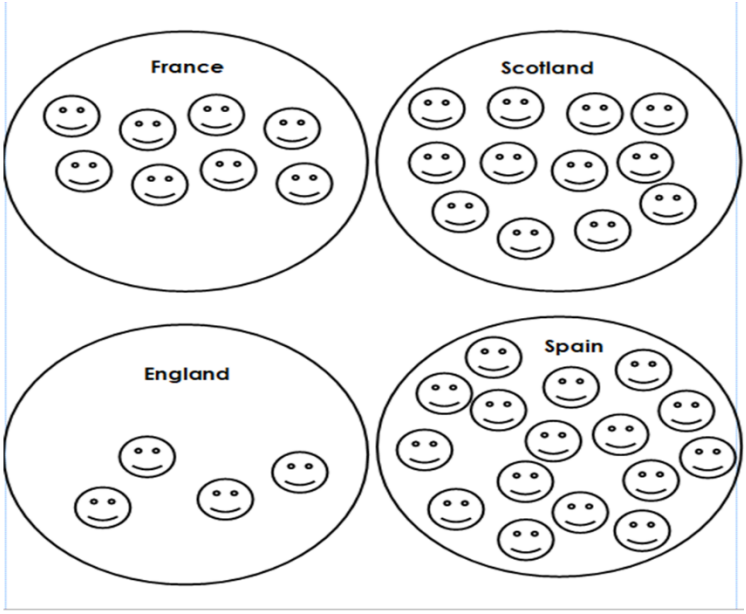
Tuesday 23.2.21 – Maths – continued

Task B - Draw a pictogram to show this data

Task B

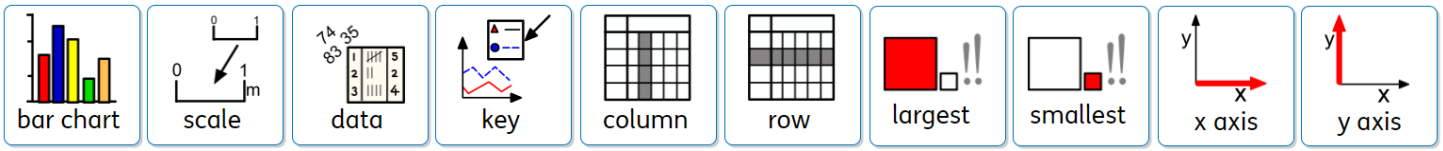
- **This shows holiday choices.**
- **Here each face = 1.**
- **Turn this into a pictogram where one symbol = more than one**

1. Rows or columns?
2. How many?
3. Decide on a scale (look for similarities with your numbers)



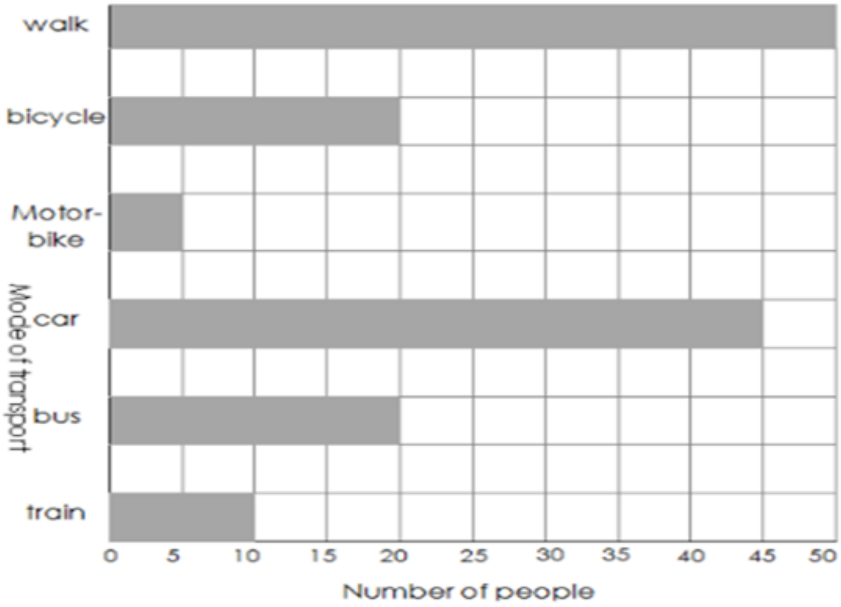
Wednesday 24.2.21 – Maths

Task – To read and interpret bar graphs



Independent Tasks

Part A

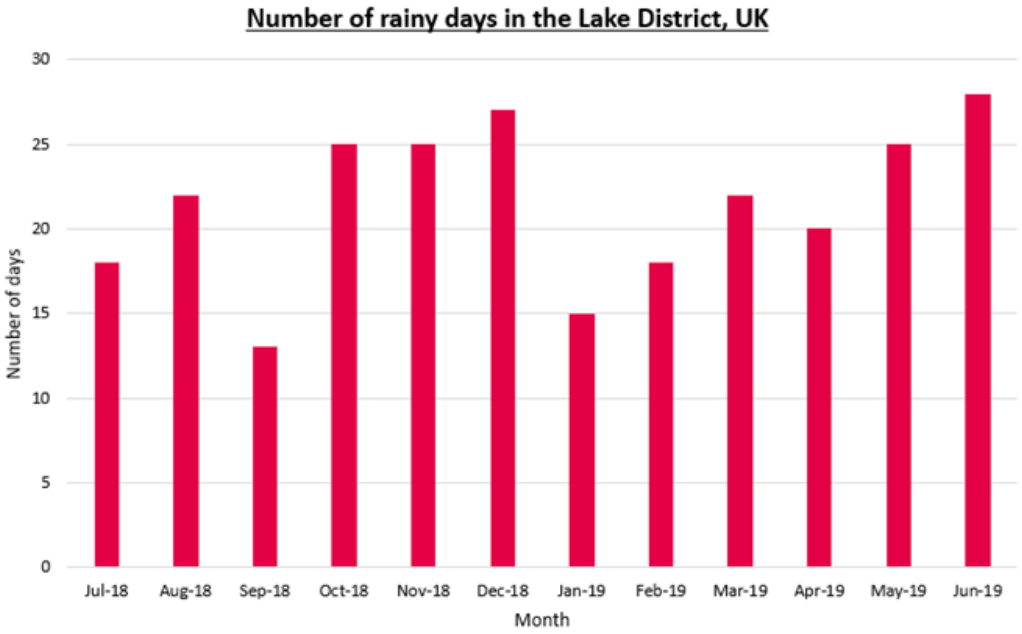


Top tip - Look at the X axis carefully before answering

1. How many chose train?
1. Which was the least popular?
1. Which was twice as popular as motorbike?
1. Which transport was used by 20 people?

2

Part B



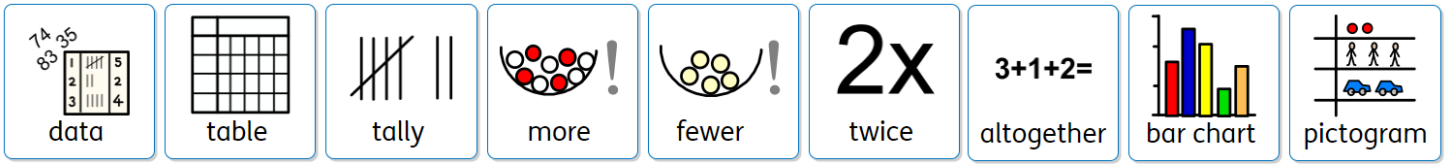
True or false?

1. It rained 15 days in January?
2. The only month it rained 20 was April?
3. It rained exactly 25 days in just 2 months?
4. The month it rained least was January?

3

Thursday 25.2.21 – Maths

Task – To collect and present data



Independent tasks

First imagine how many people visit Dover, Cambridge or Blackpool and make a tally for each. Then count them and record the total.

Part A

Location	Tally	Total
Dover		
Cambridge		
Blackpool		

Use this table (change the details if you want)
Other ideas -

- how many pencils, pens and felt-tips you have
- Leaves you can find the garden/ park
- Count how many you have of 3 types of toys (lego, books, cars etc.)

Once you have tallies and totals make a pictogram or bar graph
Check that the information matches

Complete the table, then answer the questions

Part B

Complete the Table

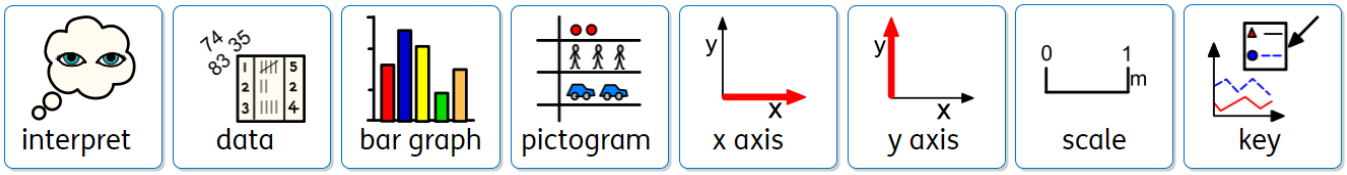
Weather	Sunny	Windy	Rainy	Cloudy
Number of days		7	10	
Tally	𝍸 𝍸 𝍸			𝍸

Challenge -

1 - How many more days were windy than cloudy?
2 - Why might tallies not always work?
3 - Can you see any problems with the data above?

Friday 26.2.21 – Maths

Task – interpret and present data



Have a think. Complete the table below by drawing the clouds

Amount of rainfall in Dover (cm)

Oct	Nov	Dec	Jan	Feb	Mar	Apr
10	12	8	10	4	6	4

Amount of rainfall in Dover (cm)

October	
November	
December	
January	
February	
March	
April	

Each stands for 2cm.

Independent taks

Part 1

You will need to draw this on another piece of paper. Think about the x axis and y axis. Look at the data – which times table would those numbers for into for your scale?

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
25	**30**	**55**	**50**	**100**	**70**	**85**

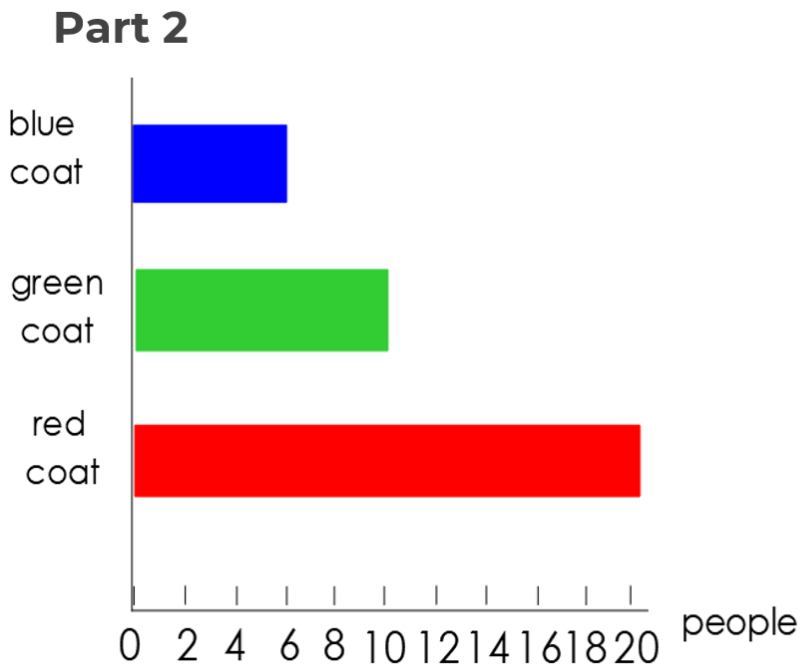
1. Create a graph (pictogram or bar chart) using the data above.

Title -
Number of people who bought ice-creams in a week

Challenge -
Make up 3 questions for your chart, one which can't be answered

Friday 26.2.21 – Maths continued

Part 2



Answer these answers with **true**, **false** or **can't say**

1. 10 more have red coats than green
2. Girls prefer green coats
3. 12 people have blue coats
4. Blue is the least popular choice of coat?
5. Double the number of people prefer green over blue coats?
6. It was a rainy week