

Friday 5th June

L.K: To answer reasoning and problem solving bar chart and pictogram questions

Have a go at the following questions. They should all be very accessible, as we have completed similar questions in school. When you are finished, you are welcome to send your work to me at WDV.Year4@oasiswoodview.org for me to mark.

Mr Crowe

1)

Halifax City Football Club sold the following number of season tickets:


- Male adults - 6,382
- Female adults - 5,850
- Boys - 3,209
- Girls - 5,057

Would you use a bar chart, table or pictogram to represent this data? Explain why.

2)

Alex wants to use a pictogram to represent the favourite drinks of everyone in her class.



I will use this image  to represent 5 children.

Explain why this is not a good idea.

3)

Here is some information about the number of tickets sold for a concert.

Day	Number of tickets sold
Monday	55
Tuesday	30
Wednesday	45
Thursday	75
Friday	85

Jack starts to create a bar chart to represent the number of concert tickets sold during the week.



What advice would you give Jack about the scale he has chosen?

What would be a better scale to use?

Is there anything else missing from the bar chart?

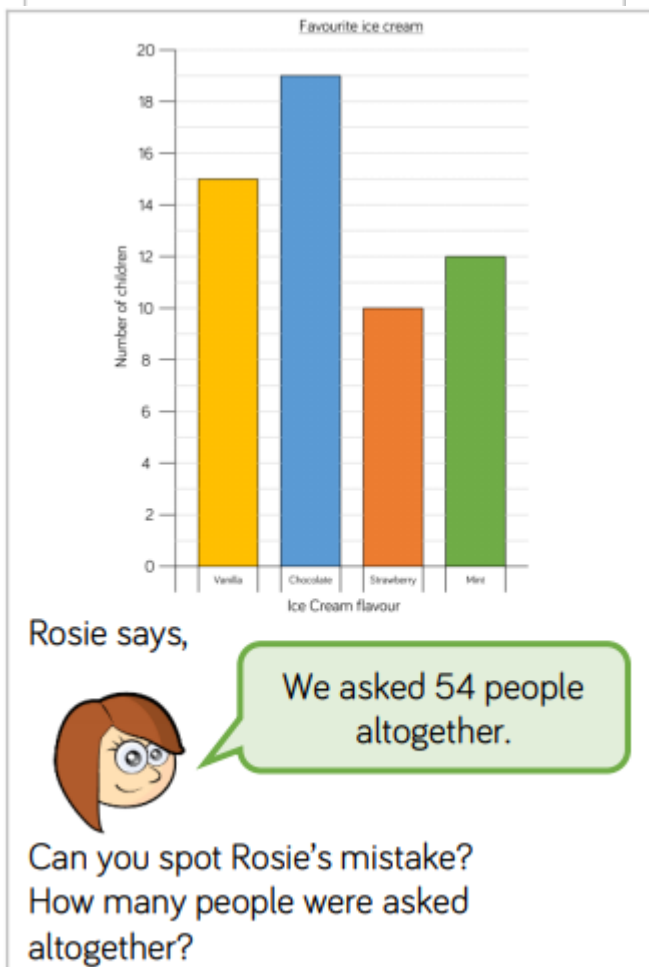
4)

Attraction	Number of visitors on Saturday	Number of visitors on Sunday
Animal World Zoo	1,282	2,564
Maltings Castle	2,045	1,820
Primrose Park	1,952	1,325
Film Land Cinema	2,054	1,595

True or false?

- The same number of people visited Maltings Castle as Film Land Cinema on Saturday.
- Double the number of people visited Animal World Zoo on Sunday than Saturday.
- The least popular attraction of the weekend was Primrose Park.

5)



Extension

As we have been looking at bar charts and pictograms this week, you can create your own bar chart or pictogram using data that you have gathered at home. It could show your family's favourite ice cream flavour, favourite pet or even how long they sleep for at night. It can be anything you want, but make it engaging and send it to be at WDV.Year4@oasiswoodview.org if you do attempt it!