

Year 7 Transition – Mathematics

The Olympics



We would like you to showcase your graph-drawing skills by researching the Olympics and creating some graphs and charts.

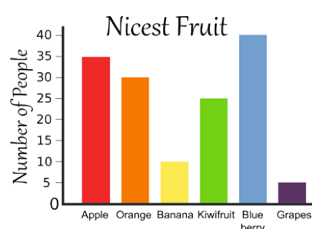
Some ideas:

Draw a bar chart showing:

The total number of medals won over the last 20 years by a country of your choice.

The best country in term of gold medals wins

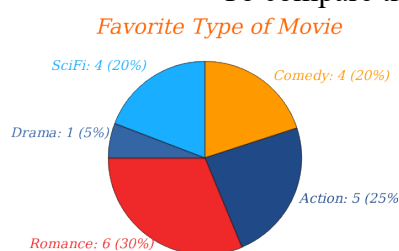
The numbers of medals won broken down by sport over the past 30 years



Draw a pie chart:

To compare the numbers of medals won by the top 5 sports in the last Olympic Games.

To compare the numbers of medals won by age group in the last Olympic games



These are just some ideas of the types of graphs you could draw. You can choose different things to compare. You can draw as many graphs as you like. Be as creative as you like!

We will be looking at your presentation so please make it as good as you can.

Remember to label your graphs and the axes.

You can do this on a computer if you like but please hand-draw at least one so that we can see your best presentation.

Extension:

Can you calculate some averages (mean, mode, median) for some of the facts that you find.

For example: The mean time taken to run 100 metres in the last Olympics compared the previous Olympics.

