Bloomsmath Commonwealth Games Activity Ideas

	Knowledge	Comprehension	Application	Analysis	Synthesis	Evaluation
Data	Students gather and organise data, display data using tables and graphs and interpret the results.	Students create a class column graph of each of their favourite sport in the Commonwealth Games – both to participate in and watch.	Students create an individual tally and column graph of medals for at least two of the 71 nations competing in the Games.	Students compare the graphs they have created to find the country with the most (mode), average (median) and least medals.	Students complete the pie chart activity below to create a pie chart for five countries medal tallies.	Students suggest why some countries may win more medals than others at the Commonwealth Games.
Time	Students make comparisons between time units, eg minutes, hours and days.	Students use a trundle wheel to measure a distance of 100 metres and use a stop watch to time each other to cover this distance (an average of three attempts).	Students use their 100m distance times to calculate the time it would take for them to cover 1,500 metres.	Students use the official website www.melbourne2006.com.au to find both male and female Commonwealth Games 1500 metre runners times and record the fastest times.	Students compare their times to the Commonwealth Games times and calculate the difference between the two.	Students calculate the difference between the male and female fastest Commonwealth times and suggest why these exist.

Pie Chart Activity

Students select five Commonwealth countries whose tallies have been graphed by them or by a classmate. They add together the total number of medals scored for all five countries and then divide each country's individual medal score by the total and multiply this by 100 to find a percentage. This can then be graphed on the bar graph below. Once completed the bar graph can be rolled to form the circumference of a circle and a pie graph can be constructed from the bar graph.