

Plastics and bioaccumulation assessment

Table calculations

Should be completed as following.

Table 1	
Mean of samples	Rank of mean concentration
102	5
111	4
174	3
235	2
341	1

Graphing exercise

1. Drawn a bar chart.
2. The 'Location' should be on the horizontal axis.
3. 'Mean concentration of PCB in blubber (mg/kg)' on the vertical axis.
4. Axes plotted correctly.
5. Axes labelled correctly.
6. Title included.

Question	Answer
1	Bioaccumulation is when chemicals accumulate in living things. They accumulate in higher concentrations the higher you go in the food chain.
2	PCBs have been banned in the USA and UK for a long time. However, they are still present in the environment and wildlife.
3	Orcas in Gibraltar have the highest concentration of PCBs in their blubber. Therefore, I think Gibraltar has the most pollution of PCBs.