Task sheet – Data: Your choice

In this task, you will collect data about any topic or question that interests you, then display your data in two different ways. You will need a plan to follow to keep you moving in the right direction.

Use this sheet to help you work through the task. Make notes and write your answers on your own paper and attach it to this sheet.

1. What topic or question will you collect data about?
2. How will you collect the data? (e.g. ask a question, observe, count, measure)
3. Who will you ask/what will you use to collect the data? Explain why you have chosen this sample or method.
4. Explain why it is useful to use a sample and not the entire population.
5. Write a plan to explain the steps you will take to collect your data. You can use numbered steps or bullet points. Show your plan to your teacher.
6. Plan how you will record and organise your data, then collect it.
7. Check the collected data to make sure you have enough to answer your question.
8. Choose at least two ways to display the data you have collected (e.g. table, two-way table, pie graph, dot plot, line graph). How will you display your data?
9. Complete your data displays.
10. Write a few sentences to explain how data collections are used in real life.