

Self-assessment checklist for graphs

Use the checklist below to give yourself a mark for your graph.

For each point, award yourself:

2 marks if you did it really well

1 mark if you made a good attempt at it, and partly succeeded

0 marks if you did not try to do it, or did not succeed.

Check point	Marks awarded	
	You	Your teacher
You have drawn the axes with a ruler, and used most of the width and height of the graph paper for the axis labels.		
You have used a good scale for the x -axis and the y -axis, going up in 1s, 2s, 5s or 10s.		
You have included the correct units with the scales on both axes.		
You have plotted each point precisely and correctly.		
You have used a small neat cross, or a dot in a circle, for each point.		
You have drawn a single, well-positioned, best-fit line.		
You have ignored any anomalous results when drawing the line.		
Total (out of 14)		

12–14 Excellent.

10–11 Good.

7–9 A good start, but you need to improve quite a bit.

5–6 Poor. Try this same graph again, using a new sheet of graph paper.

1–4 Very poor. Read through all the criteria again, and then try the same graph again, using a new sheet of graph paper.

Self-assessment checklist for planning an experiment

Use the checklist below to give yourself a mark for your plan.

For each point, award yourself:

2 marks if you did it really well

1 mark if you made a good attempt at it, and partly succeeded

0 marks if you did not try to do it, or did not succeed.

Check point	Marks awarded	
	You	Your teacher
You have stated the variable to be changed (independent variable), the range of this variable and how you will vary it.		
You have stated all important variables to be kept constant (and not included ones that are not important).		
You have stated the variable to be measured (dependent variable), how you will measure it and when you will measure it.		
You have drawn up an outline results chart or table.		
If a hypothesis is being tested, you have predicted what the results will be if the hypothesis is correct.		
Total (out of 10)		

10 Excellent.

8–9 Good.

5–7 A good start, but you need to improve quite a bit.

3–4 Poor. Try this same plan again.

1–2 Very poor. Read through all the criteria again, and then try the same plan again.

Self-assessment checklist for results charts and tables

Use the checklist below to give yourself a mark for your results chart or table.

For each point, award yourself:

2 marks if you did it really well

1 mark if you made a good attempt at it, and partly succeeded

0 marks if you did not try to do it, or did not succeed.

Check point	Marks awarded	
	You	Your teacher
You have drawn the chart or table with a ruler.		
Headings have correct units in each column and row (there are no units inside the cells of the table).		
Your chart is easy for someone else to read and understand.		
If your chart contains readings, all are to the same number of decimal places (for example, 15.5, 9.0).		
Total (out of 8)		

8 Excellent.

7 Good.

5–6 A good start, but you need to improve quite a bit.

3–4 Poor. Try this same results chart again, using a new sheet of paper.

1–2 Very poor. Read through all the criteria again, and then try the same results chart again, using a new sheet of paper.