

A List of Mathematical Skills

This is a list of the skills that you may want to demonstrate in your project. Remember that you need to show the examiner that you can work with a high level of mathematical skill.

- Arithmetic Sequences
- Geometric Sequences
- Geometric properties – triangles, quadrilaterals, polygons, circles, cubes, cuboids, cylinders, prisms, spheres, trigonometry ☺
- Functions from real life ☺
- Scatter diagrams
- Lines of best fit and correlation ☺
- Pie charts
- Bar charts
- Frequency histograms
- Frequency density histograms ☺
- Cumulative frequency tables
- Cumulative frequency curves
- Percentiles
- Mean, Median, Mode and range
- Standard Deviation ☺
- Chi squared test ☺
- Probability

*You must demonstrate
AT LEAST:*

- 2 simple processes
- 1 further process

to achieve the top marks

Key:

☺ = further process