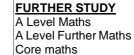
Year 11 *





CAREER PATHS

Meteorologist, Mathematics teacher,

Accountant, ,Research analyst, Computer programmer, Financial analyst, Financial planner, Information security analyst, Civil engineer, Auditor, Statistician, Mathematician, Economist, Algorithm engineer, Software engineer, Actuary, Data scientist, Aeronautical engineer, Robotics engineer, Agricultural inspector, Payroll administrator, Investment operations technician, criminologist, financial advisor, Stockbroker, Tax adviser.

Stage 11 End of Year assessment - Units 11.1 - 11.9 11.10 Advanced area and volume 11.7 3D shapes 11.8 Inequalities 11.9 Proof 11.6 Vectors Diagnostic Tests - 11.7, 11.8, 11.9 and 11.10

INTEREST

Curriculum

Overview

Solving problems and applying understanding to new and unfamiliar situations.

Assessment Point 2 - Units 11.1 - 11.4 11.5 Combining transformations

11.3 Grouped frequency data representation.

11.4 Trends

Diagnostic Tests - 11.5 and 11.6

Skills developed through GCSE Maths:

- Communication active listening, oral, written and non-verbal communication.
- Constructing and clearly presenting mathematical and logical arguments.
- Turning real-world problems into mathematical problems.
- Problem solving skills which transfer to all areas of the curriculum, to life in general and to the world of work.
- Resilience to approach mathematics with confidence and persistence in the face of difficulty and a willingness to discuss, reflect and research.

11.1 Rates of Change

11.2 Further Sequences

Diagnostic Tests - 11.3

Assessment Point 1 - Units 11.1 and 11.2

Curriculum Overview

This is what a typical year 11 pupil will study over the final year, this could change depending on diagnostic assessments.

Use and apply standard techniques

Reasoning, interpreting and communicating mathematically

Solving problems with a much greater focus on solving non-routine problems in mathematical and non-mathematical contexts