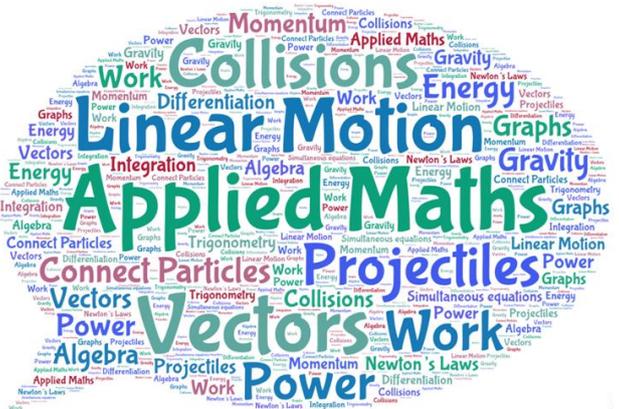


Applied Mathematics

Applied Mathematics is a subject that develops students' problem-solving and analytical skills through the application of mathematical techniques to real-world situations. Over the two-year Leaving Certificate course, students study a range of topics including:

- Linear Motion
- Projectiles
- Collisions
- Newton's Laws and Connected Particles
- Graph and Networks
- Optimal Paths
- Difference equations
- Differential equations



Students learn to model physical situations mathematically, apply logical reasoning, and present solutions in a clear and structured manner.

Leaving Certificate Applied Mathematics Assessment

Assessment in Leaving Certificate Applied Mathematics consists of two components:

- **Project Work (20%)**
Students complete a project that involves investigating a real-life application of Applied Mathematics, developing research, mathematical modelling, and problem-solving skills.
- **Written Examination (80%)**
(Answer any 8 questions from 10)
Each question carries equal marks, and students are required to show all workings clearly, including accurate diagrams, correct use of formulae, and logical presentation of solutions.

For further information please see powerpoint attached below or speak with Ms Gillian Russell or Mr Tom Dixon

[Why Choose Applied Maths.pptx](#)