
SUBJECT:**MATHEMATICS A**

STATUS: Authority Subject**CODE:** SMA**COST:** TBA**COURSE
OVERVIEW:**

Mathematics A aims to provide the opportunity for students to participate more fully in life-long learning. It involves the study of Financial Mathematics, Applied Geometry, Statistics, and Operations Research.

This subject emphasises the development of positive attitudes towards the student's involvement in Mathematics. This development is encouraged through the use of relevant and life-related learning experiences.

The general objectives are to develop:

1. Knowledge and procedures of Maths
2. Modelling and problem solving in Maths
3. Communication and justification with Mathematics

With a range of activities varying in:
Application, technology, initiative and complexity

**COURSE
STRUCTURE**

- Managing Money
- Elements of Applied Geometry
- Linking two and three dimensions
- Data collection and presentation
- Maps and compasses
- Networks and queuing
- Exploring and understanding data

**ASSESSMENT
TECHNIQUES:**

1. Extended modelling and problem solving tests
2. Reports
3. Written Tasks (exams etc)

**SPECIAL
REQUIREMENTS:**

Scientific Calculator

