SIXTH FORM MATHEMATICS LEARNING JOURNEY

Empowered with subject knowledge, skills and understanding

Personally developed and able to contribute to wider society

Equipped for the demand of Higher Education and employment

Ready to study at greater depth and aim for Mastery

Inspired, through careers advice and work experience, to have high aspirations

Able to communicate effectively and build positive relationships

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- VECTORS IN 3D
- BINOMIAL SERIES
- SEQUENCES & SERIES
- NUMERICAL METHODS
- REGRESSION & CORRELATION
- ADVANCED CALCULUS - DIFFERENTIATION & ALGEBRA
- PROOF
- THE NORMAL DISTRIBUTION
- MATHEMATICAL MODELLING
- VARIABLE ACCELERATION
- DYNAMIC SYSTEMS (MECHANICS)
- RADIANS & ADVANCED TRIGONOMETRY
- QUADRATICS
- MODELLING IN MECHANICS
  - PHYSICS
- FACTOR THEOREM - ALGEBRAIC DIVISION & BINOMIAL EXPANSION
- CO-ORDINATE GEOMETRY
- DESCRIPTIVE STATISTICS
- CALCULUS - BASIC DIFFERENTIATION & INTEGRATION
- KINEMATICS (MECHANICS)
- TRIGNOMETRIC FUNCTIONS & EQUATIONS
- BINOMIAL DISTRIBUTION
- EXPONENTIAL MODELS & LOGARITHMS
- HYPOTHESIS TESTING
  - SCIENCE & SOCIAL SCIENCE
- ALGEBRAIC & PARTIAL FRACTIONS
- VECTORS

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Sapere Aude