**Mathematics** Department

# **Year 12** -AS Level Scheme of Work - 2021/22

| | | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Date | 29th Aug | 5th Sept | 12th Sept | 19th Sept | 26th Sept | 3rd Oct | 10th Oct | Holiday | |
| Term 1a | L1 | Initial Assessement | Quadratics | Inequalities and Simultaneous Equations | Graph Transformations | Co-ordinate Geometry | Trigonometric Ratios | Radians | 1 week | |
| | L2 | Algebraic Expressions | | | | | | | | |
| | L3 | | | | | | | | | |
| | L4 | | | | | | | | | |
| | L5 | | | | | | | | | |
| Teacher Notes | | | | | | | | | | |
| | Date | 24th Oct | 31st Oct | 7th Nov | 14th Nov | 21st Nov | 28th Nov | 5th Dec | Holiday | |
| Term 1b | L1 | Statistics Introduction | Measures of Location & Spread | Measures of Location & Spread | Measures of Location & Spread | Measures of Location & Spread | Representations of Data | Representations of Data | 3 weeks | |
| | L2 | | | | | | | | | |
| | L3 | Differentiation | Integration | Revision | Revision | Revision | Revision | Revision | | |
| | L4 | | | | | | | | | |
| | L5 | | | | | | | | | |
| Teacher Notes | | | | P1 Mock 1 | | | P1 Mock 2 | | | |
| | Date | 2nd Jan | 9th Jan | 16th Jan | 23rd Jan | 30th Jan | 6th Feb | Holiday | | |
| Term 2a | L1 | Revision | Algebraic Methods | Algebraic Methods | Co-ordinate Geometry | Co-ordinate Geometry | Exponentials and Logs | 1 week | | |
| | L2 | | | | | | | | | |
| | L3 | | | | | | | | | |
| | L4 | Representations of Data | Representations of Data | Probability | Probability | Probability | Proability | | | |
| | L5 | | | | | | | | | |
| Teacher Notes | | | 11th Jan P1 Exam | | | | | | | |
| | Date | 20th Feb | 27th Feb | 6th March | 13th March | 20th March | Holiday | | | |
| Term 2b | L1 | Exponentials and Logs | Binomial Expansion | Sequences and Series | Sequences and Series | Trigonometry | 2 weeks | | | |
| | L2 | | | | | | | | | |
| | L3 | | | | | | | | | |
| | L4 | Correlation & Regression | Correlation & Regression | Correlation & Regression | Discrete Random Variable | Discrete Random Variable | | | | |
| | L5 | | | | | | | | | |
| Teacher Notes | | | | P2 Assessment | S1 Assessment | | | | | |
| | Date | 10th April | 17th April | 24th April | 1st May | | | | | |
| Term 3 | L1 | Trigonometry | Differentiation | Integration | P2 Revision | | | | | |
| | L2 | | | | | | | | | |
| | L3 | | | | | | | | | |
| | L2 | Discrete Random Variable | Discrete Random Variable | Discrete Random Variable | Normal Distribution | | | | | |
| | L5 | | | | | | | | | |
| Teacher Notes | | | | | P2 Mock | | | 25th May P2 Exam | S1 Mock | |
| | Date | 8th May | 15th May | 22nd May | 29th May | 5th June | 12th June | 19th June | 26th June | Holiday |
| Term 3 | L1 | S1 Revision | S1 Revision | Year 13 Preparation | Year 13 Preparation | Year 13 Preparation | Year 13 Preparation | Year 13 Preparation | Year 13 Preparation | |
| | L2 | | | | | | | | | |
| | L3 | | Year 13 Preparation | | | | | | | |
| | L4 | | | | | | | | | |
| | L5 | | | | | | | | | |
| Teacher Notes | | | 21st Jun S1 Exam | | | | | | | |