

### Higher taught topics

Students can select any topics from the following list

Contact us for information on arranging groups of 3-5 students and for booking

| Topic  | Hours | Cost |
|--|-------|------|
| Straight lines   | 6     | £60  |
| Functions & Graphs   | 3     | £30  |
| Recurrence relations   | 4     | £40  |
| Quadratics   | 3     | £30  |
| Polynomials  | 3     | £30  |
| The circle   | 6     | £60  |
| Differentiation 1 (differentiation of algebraic functions and equation of a tangent) | 4     | £40  |
| Differentiation 2 (stationary points and curve sketching)                            | 4     | £40  |
| Differentiation 3 (chain rule and differentiation of sine and cos functions)         | 3     | £30  |
| Differentiation 4 (optimisation)   | 3     | £30  |
| Integration 1 (Integration of algebraic functions)                                   | 2     | £20  |
| Integration 2 (Integration of trig functions)  | 2     | £20  |
| Integration 3 (definite integrals and the area below/between curves)                 | 4     | £40  |
| Trig equations 1 (solving basic trig equations)                                      | 2     | £20  |
| Trig equations 2 (solving trig equations by factorisation)                           | 4     | £40  |
| Trig 1 (addition and double angle formulae)  | 3     | £30  |
| Trig 2 (wave function)   | 3     | £30  |
| Vectors  | 6     | £60  |
| Logarithmic and exponential functions  | 6     | £60  |