



# CfE Higher Course Outline

|                                     | Topic  | Completion Date<br>(approx.) | Heinemann<br>Chapter |
|-------------------------------------|--|------------------------------|----------------------|
| H1                                  | Straight Line  | June                         | 1                    |
| H2                                  | Graphs of Functions  | June                         | 3                    |
| H3                                  | Trig. Graphs & Equations                                   | August                       | 4                    |
| H4                                  | Quadratic Theory   | September                    | 8                    |
| H5                                  | Polynomials  | September                    | 7                    |
| H6                                  | Differentiation 1  | October                      | 6 & 14               |
| H7                                  | Sets & Functions   | October                      | 2                    |
| <b>Assessment 1 (October)</b>       |  |                              |                      |
| H8                                  | Circle   | November                     | 12                   |
| H6                                  | Differentiation 2 (Applications)                           | November                     | 6                    |
| H9                                  | Trig. Formulae (Addition & Double Angle)                   | December                     | 11                   |
| <b>Assessment 2 (December)</b>      |  |                              |                      |
| H10                                 | Integration  | December/January             | 9                    |
| H11                                 | Recurrence Relations                                       | January                      | 5                    |
| <b>Prelim (January)</b>             |  |                              |                      |
| H12                                 | Further Calculus   | February                     | 14                   |
| H13                                 | Exponentials & Logarithms<br>(excluding Experimental Data) | February                     | 15                   |
| H14                                 | Vectors  | March                        | 13                   |
| H15                                 | Wave Function  | March                        | 16                   |
| H13                                 | Experimental Data  | March/April                  | 15                   |
| <b>Supplementary Prelim (April)</b> |  |                              |                      |
| <b>Final Exam (May)</b>             |  |                              |                      |

## Useful Websites

- ✓ LGS Maths Blog: <http://maths.lanark.s-lanark.sch.uk> (ask your teacher for the password)
- ✓ Scholar: <https://scholar.hw.ac.uk>
- ✓ HSN Higher Maths: <http://www.hsn.uk.net/higher-maths/notes>
- ✓ Maths Revision (Higher Resources): [http://www.mathsrevision.com/index\\_files/Higher.htm](http://www.mathsrevision.com/index_files/Higher.htm)

**REMINDER: ACCESS GOOGLE CLASSROOM FOR FURTHER NOTES AND RESOURCES**