

| Subject: MATHS | Areas Covered | What students should understand/be able to demonstrate | Available resources to consolidate areas of weakness |
|-------------------|---|---|--|
| Year 7 | In order of importance: Area and Perimeter Probability Handling Data Sketching and identifying 3d objects Logic and logic diagrams | For more detail on individual skills see the progress ladder here . | The Maths website gives the full detail of work set over lockdown. It references the best sites to use: Kerboodle, Dr Frost and MyMaths. The link to the left also has very extensive revision resources that we've created to cover all the years. |
| Year 8 | In order of importance: Volume Pythagoras Sequences Handling Data Transformations Probability | For more detail on individual skills see the progress ladder here . | The Maths website gives the full detail of work set over lockdown. It references the best sites to use: Kerboodle, Dr Frost and MyMaths. The link to the left also has very extensive revision resources that we've created to cover all the years. |
| Year 9 | In order of importance: GCSE Topic: Angles and Polygons GCSE Topic: Handling Data (Only histograms are new) Graphs (linear and polynomials) Simultaneous Equations Linear inequalities Sequences and Sets | For more detail on individual skills see the progress ladder here . | The Maths website gives the full detail of work set over lockdown. It references the best sites to use: Kerboodle, Dr Frost and MyMaths. The link to the left also has very extensive revision resources that we've created to cover all the years. |
| Year 10 | In order of importance: Chapter 10a: Equations (Covers solving quadratics by factorising, completing the square and the quadratic formula) Chapter 14: Graphs Chapter 19a: Right angled triangles (pythag and trig) and the area of a scalene triangle Chapter 9: Measures and accuracy (bounds and estimation) | For more detail on individual skills see the progress ladder here . | The Maths website gives the full detail of work set over lockdown. It references the best sites to use: Kerboodle, Dr Frost and MyMaths. The link to the left also has very extensive revision resources that we've created to cover all the years. |
| Year 12 | In order of importance: A2 Differentiation AS Exponentials and Logs AS Trigonometry AS Integration A2 a model for friction A2 Sequences and Series AS Hypothesis Testing A2 Trigonometry AS Variable Acceleration A2 Proof A2 Algebra | Students should now be confident with all skills on the AS specification which can be found here . The topics on the left all reference the specific Integral website section. | The Maths website gives the full detail of work set over lockdown. It references the best sites to use: Integral and Dr Frost. AlevelMathsRevision is also a phenomenal website to use which categorises the various topics and provides a very large amount of exam questions for each. Use of this website will be crucial for all students who wish to achieve a good grade. |

