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**Subject: Maths**

**Year: KS3**

**Term: Spring 2**

**Greenwood School Curriculum Summary**

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| **Episode name** | **Episode outline** | **Online link(s)** | **Other Resources** |
| Number – Percentages | Find percentage of amounts using non-calculator and calculator methods (up to 100%)  Percentage increase/decrease using different methods including multipliers | <https://classroom.thenational.academy/lessons/decimal-multipliers-64w3et>  https://classroom.thenational.academy/lessons/decrease-by-a-percentage-70ukjd |  |
| Algebra | Form and solve both one and two step equations.  Form and solve equations with brackets. | <https://classroom.thenational.academy/lessons/forming-and-exploring-equations-70r3gr>  <https://classroom.thenational.academy/lessons/algebraic-expressions-71gp2t> |  |
| Geometry – Shape Properties and angles | Properties of triangles and quadrilaterals | <https://classroom.thenational.academy/lessons/categorising-and-defining-polygons-cmu66e>  https://classroom.thenational.academy/lessons/polygons-and-triangles-64vp2e |  |
| Algebra | Collecting like terms.  Expand over a single bracket.  Simplify expressions with brackets. | <https://classroom.thenational.academy/lessons/collecting-like-terms-6tgk8r>  <https://classroom.thenational.academy/lessons/distributivity-and-expanding-cmr36t> |  |
| Geometry – Angles | Angles at a point; Adjacent angles on a straight line; Vertically opposite angles; Angles in Triangles/Quadrilaterals. | <https://classroom.thenational.academy/lessons/finding-unknown-angles-6gt3ce>  https://classroom.thenational.academy/lessons/alternate-angles-c4t3cd |  |
| Geometry – Angles | Apply the properties of angles at a point, angles at a point on a straight line, vertically opposite angles  Understand and use the relationship between parallel lines (alternate and corresponding angles) | <https://classroom.thenational.academy/lessons/angles-on-parallel-lines-review-revisiting-alternate-and-corresponding-angles-c5j68r>  <https://classroom.thenational.academy/lessons/angles-on-parallel-lines-review-finding-missing-angles-61h3jd> |  |