**Independent Home Learning**

Whilst you are unable to be learning in school, please complete the following online lessons provided by the Oak National Academy to all you to continue learning and making progress, provided you are well enough to do so. Completed work can be emailed to your class teacher for feedback.

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| Year Group: | 10 | Subject | Maths |

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| Lesson | Description and link |
| 1 | Expand a Term over a Single Bracket  <https://classroom.thenational.academy/lessons/expand-a-term-over-a-single-bracket-c8v62c> |
| 2 | Expand 2 brackets and simplify expressions (Part 1)  <https://classroom.thenational.academy/lessons/expand-2-brackets-and-simplify-expressions-part-1-crvk4c> |
| 3 | Expand and simplify double brackets  <https://classroom.thenational.academy/lessons/expand-and-simplify-double-brackets-cdhkjc> |
| 4 | Expand and Simplify Double Brackets (Coefficient of 𝑥 Greater than 1)  <https://classroom.thenational.academy/lessons/expand-and-simplify-double-brackets-coefficient-of-greater-than-1-c8wp4e> |
| 5 | Multiplication law for indices  <https://classroom.thenational.academy/lessons/multiplication-law-for-indices-c9j68c> |
| 6 (Core) | Division law for indices  <https://classroom.thenational.academy/lessons/division-law-for-indices-cru30d> |
| 7 (Core) | [Power Law for Indices](https://teachers.thenational.academy/lessons/power-law-for-indices-64w32r)  <https://classroom.thenational.academy/lessons/power-law-for-indices-64w32r> |
| 8 (Core) | Combining Index Laws  <https://classroom.thenational.academy/lessons/combining-index-laws-chh64t> |

**If you complete the work quickly please make sure you are logging onto** [**Dr Frost Maths**](https://www.drfrostmaths.com/index.php) **and completing any work you have been set there. You can also use Dr Frost Maths to pick some topics that you need to work on. There are videos that you can also watch for support.**

Equipment required:

* Laptop;
* Pen, pencil and paper;
* Calculator;
* Dictionary;
* Highlighter.

If you have any questions, please email your class teacher.

Head of Subject email: ralphs@mayfield.portsmouth.sch.uk