**Y12 A Level Further Mathematics Study Period Guide – Autumn Term 2022**

**Which topics will you be studying?**

|  |  |
| --- | --- |
| **Pure Core** | **Modelling with Algorithms** |
| * Matrices: Transformations and inverses * Complex numbers, including geometry * Roots of polynomials | * Algorithms * Graphs and networks * Network algorithms and problems |

**Which exam board?**

In Mathematics we follow the **OCR B** exam board. For a detailed look at the specification click the below link

[AS and A Level - Further Mathematics B (MEI) - H635, H645 (from 2017) - OCR](https://www.ocr.org.uk/qualifications/as-and-a-level/further-mathematics-b-mei-h635-h645-from-2017/)

**What useful revision activities should I be doing?**

* Use Integral for notes, walkthroughs, questions and worked solutions.
* Engage with old FP1 & D1 past papers.
* Complete exercises in the text book where it has not been possible in lesson.
* Select problems for the given website below to practise problem solving skills

**Useful Resources:**

* [integralmaths.org](file:///D:\Users\TCarpenter\Downloads\integralmaths.org)  – you will need your log-in details
* [youtube.com](http://www.youtube.com) – videos available on most mathematical processes.
* [desmos.com/calculator](https://www.desmos.com/calculator) – graphing calculator, good to have as an app
* [mei.org.uk/resources](https://mei.org.uk/resources) – includes old-spec past papers (search FP1 or D1)