

**A-Level Bridging Program**

**H2 Physics**

Date/Day	Time
16 <sup>th</sup> November 2022 Wednesday	5:00PM – 7:00PM
23 <sup>rd</sup> November 2022 Wednesday	5:00PM – 7:00PM
30 <sup>th</sup> November 2022 Wednesday	5:00PM – 7:00PM
7 <sup>th</sup> December 2022 Wednesday	5:00PM – 7:00PM
14 <sup>th</sup> December 2022 Wednesday	5:00PM – 7:00PM
21 <sup>st</sup> December 2022 Wednesday	5:00PM – 7:00PM

Topics (Subjected to change)
1. Kinematics <ul style="list-style-type: none"> <li>• Rectilinear motion</li> <li>• Non rectilinear motion</li> </ul>
2. Newtonian Law <ul style="list-style-type: none"> <li>• Free body diagram</li> <li>• Resolving a vector into its components</li> <li>• Newton's 3 laws of motion</li> <li>• Solving and analysing problem by resolving a vector into its components</li> </ul>
3. Newton's law of gravitation
4. Electromagnetic Induction <ul style="list-style-type: none"> <li>• Understanding the concept of magnetic flux, magnetic field, and magnetic flux linkage</li> <li>• Lenz Law</li> <li>• Faraday Law</li> </ul>
5. Advance DC circuit

Lesson details
\$315 per month (November's fee is due before 1 <sup>st</sup> lesson and December's fee is due on the 3 <sup>rd</sup> lesson)
\$50 registration and material (waived for existing students)
Consultation via WhatsApp/Zoom
Recording of lesson in event of absenteeism