

A-Level Bridging Program

H2 Chemistry

Date/Day	Time	Topics (Subjected to change)
17 th November 2022 Thursday	4.30PM – 6.30PM	1. Advanced Mole Calculation & Redox Equations <ul style="list-style-type: none"> • Dilution Formula • Combustion Data • Back Titration • Balancing of Redox Equations 2. Redox Titrations 3. Atomic Structure <ul style="list-style-type: none"> • Writing electronic configuration in spdf notation • Ionisation energy trends 4. Chemical Bonding I <ul style="list-style-type: none"> • VSEPR theory to determine molecular shapes • Advanced Dot and Cross diagram drawing 5. Chemical Bonding II <ul style="list-style-type: none"> • Use of Intermolecular Forces of Attraction (id-id, pd-pd, hydrogen bonding) to explain physical properties 6. Energetics <ul style="list-style-type: none"> • Drawing of energy cycles and advanced energy level diagram
24 th November 2022 Thursday	4.30PM – 6.30PM	
1 st December 2022 Thursday	4.30PM – 6.30PM	
8 th December 2022 Thursday	4.30PM – 6.30PM	
15 th December 2022 Thursday	4.30PM – 6.30PM	
22 nd December 2022 Thursday	4.30PM – 6.30PM	

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