

H2 Chemistry Curated Notes

Booklet 1 (For J1s): (91 pages)	Topics: Chapter 3: The Gaseous State Chapter 6: The Mole Concept and Solution Stoichiometry Chapter 7: Chemical Energetics: Thermochemistry and Thermodynamics (Gibbs Free Energy and Entropy) Chapter 8: Reaction Kinetics
Booklet 2 (For J1s+J2s): (153 pages)	Topics: Chapter 1: Atomic Structure Chapter 2: Chemical Bonding & Intermolecular Forces Chapter 4: Theories of Acids and Bases (Acid-Base Equilibria) Chapter 5: The Periodic Table (Period 3, Group 2 & Group 7) Chapter 9: Chemical Equilibria Chapter 10: Solubility Equilibria
Booklet 3 (For J2s): (237 pages)	Topics: Chapter 11: Organic Chemistry Chapter 12: Electrochemistry: Redox & The Electrolytic Cell & Electrochemical Cell

H2 Physics Curated Notes

Booklet 1 (For J1s): (160 pages)	Topics: 1. Kinematics 2. Dynamics 3. Forces 4. Circular motion
Booklet 2 (For J1s+J2s): (87 pages)	Topics: 1. Temperature & Ideal Gas 2. Oscillations 3. Waves 4. Current of Electricity 5. DC Circuits
Booklet 3 (For J2s): (127 pages)	Topics: 1. Electromagnetism 2. Electromagnetic Induction 3. Quantum Physics 4. Superposition 5. Gravitational and Electric fields

H2 Mathematics Curated Notes

Booklet 1 (For J1s): (117 pages)	Topics: 1. Vectors I, II & III 2. Equations & Inequalities 3. Functions 4. Graphing Techniques 5. Sequences & Series (APGP + Summation) 6. Complex Numbers I and II
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Booklet 2 (For J1s+J2s): (76 pages)	<u>Topics:</u> 7. Differentiation Techniques 8. Differentiation Applications 9. Maclaurin Series 10. Integration Techniques 11. Applications of Integration 12. Differential Equations
Booklet 3 (For J2s): (87 pages)	<u>Topics:</u> 1. Permutations & Combinations 2. Probability 3. Discrete Random Variables 4. Normal Distribution 5. Sampling 6. Hypothesis Testing
H2 Biology Curated Notes	
Booklet 1 (For J1s): (216 pages)	<u>Topics:</u> The Cell and Biomolecules of Life 1. Cell Biology 2. Biomolecules 3. Enzymes 4. Stem Cells Energy and Equilibrium 5. Respiration 6. Photosynthesis 7. Cell Signalling 8. Homeostasis Practice Questions
Booklet 2 (For J1s+J2s): (229 pages)	<u>Topics:</u> Genetics and Inheritance 1. DNA and Genomics 2. Cell Division 3. Genetic Basis of Variation 4. Org. & Control of Eukaryotic Genome 5. Org. & Control of Prokaryotic Genome The Cell and Biomolecules of Life 6. Viruses Biostatistics 7. Student's t-test Practice Questions
Booklet 3 (For J2s): (179 pages)	<u>Topics:</u> Genetics and Inheritance 1. Molecular Techniques Biological Evolution 2. Evolution & Diversity Extension Topics Topic A – Infection & Immunity Topic B – Climate Change Practice Questions

* Each subject's curated notes contains 3 booklets, split according to topical themes.

Price (per subject): \$40 per booklet, \$100 for full set (3 booklets).