



PP

Preliminary Physics

2025 Holiday Course

TOPICS

PP

2025 Preliminary Holiday Course

Summer School Holidays - 2025

Physics Skills

Kinematics 1 - 1D Motion

Kinematics 2 - Motion Under Constant Acceleration

Kinematics 3 - 2D Motion

Kinematics 4 - Relative Motion

Dynamics 1 - Newton's Laws

Dynamics 2 - Force & Energy

Dynamics 3 - Energy & Momentum

Dynamics 4 - Collisions

Intu Term 1, Exam 2025 & Review (can be sat during Term) & Tutorials in Term 1

Autumn School Holidays - 2025

Waves & Thermodynamics 1 - Waves

Waves & Thermodynamics 2 - Interference & Sound Waves

Waves & Thermodynamics 3 - Reflection & Refraction

Waves & Thermodynamics 4 - Heat & Thermodynamics

Waves & Thermodynamics 5 - Lens & Mirrors

Waves & Thermodynamics 6 - The Ray Model of Light

Term 1 and 2 Revision

Intu Term 2, Exam 2025 & Review (can be sat during Term) & Tutorials in Term 2

Winter School Holidays - 2025

Electricity & Magnetism 1 - Electric Charge

Electricity & Magnetism 2 - Electric Circuits

Electricity & Magnetism 3 - Energy & Power

Electricity & Magnetism 4 - Magnetism

Electricity & Magnetism 5 - Applications of Electricity & Magnetism

Scientific Investigations

Practical Tasks

Intu Term 3, Exam 2025 & Review (can be sat during Term) & Tutorials in Term 3

Spring School Holidays - 2025 (HSC Course)

Advanced Mechanics 1 - Projectile Motion

Advanced Mechanics 2 - Circular Motion

Advanced Mechanics 3 - Gravity

Advanced Mechanics 4 - Satellites

Advanced Mechanics 5 - Applications of Mechanics

Advanced Mechanics 6 - Experimental Mechanics

Working Scientifically

Intu Term 4, Exam 2025 & Review (can be sat during Term) & Tutorials in Term 4