



HP

HSC Physics

2025 Holiday Course

TOPICS

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2025 HSC Holiday Course

Spring School Holidays - 2024

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 2024 & Review (will be sat during Term)

Tutorials available throughout Term 4, 2024

Summer School Holidays - 2025

Electromagnetism 1 - Electric & Magnetic Fields

Electromagnetism 2 - Electromagnetic Induction

Electromagnetism 3 - Motors

Electromagnetism 4 - Generators & Transformers

Electromagnetism 5 - AC Induction Motors

The Nature of Light 1 - Electromagnetic Waves & Spectra

The Nature of Light 2 - The Wave Model of Light

The Nature of Light 3 - The Quantum Model of Light

Intu Half-Yearly, Exam 2025 & Review (can be sat during Term)

Tutorials available throughout Term 1, 2025

Autumn School Holidays - 2025

The Nature of Light 4 - Special Relativity

The Nature of Light 5 - Evidence of Special Relativity

From the Universe to the Atom 1 - The Big Bang and Stars

From the Universe to the Atom 2 - Stars and Spectra

From the Universe to the Atom 3 - Models of the Atom

From the Universe to the Atom 4 - Quantum Mechanics and the Atom

From the Universe to the Atom 5 - Nuclear Physics

From the Universe to the Atom 6 - Radiation and Nuclear Reactors

From the Universe to the Atom 7 - The Standard Model

Tutorials available throughout Term 2, 2025