

# Overview

## NSW HSC Physics Stage 6

NSW Education Standards Authority

2026-01-06

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### Overview

This collection contains official NSW Education Standards Authority (NESA) documents for **Physics Stage 6** (Years 11-12), along with the National Literacy and Numeracy Learning Progressions. {callout-note} ## Document Sources {sec-document-sources} All syllabus and assessment documents are sourced from the NSW Education Standards Authority. Learning progressions are from the Australian Curriculum, Assessment and Reporting Authority (ACARA).

### Document Inventory

#### Syllabus

Document	Description
Physics Stage 6 Syllabus (2017)	Complete HSC Physics syllabus with outcomes, content, and assessment requirements

#### Scope & Sequence Samples {card}

Year 11 (Preliminary) {card-body}

Sample	Focus
Module 2: Dynamics	Forces, motion, and Newton's laws
Sample 2	Alternative scope and sequence
Sample 3	Alternative scope and sequence

## Year 12 (HSC) {card-body}

Sample	Focus
Sample 1	HSC year scope and sequence
Sample 2	Alternative HSC scope and sequence

## Assessment Resources

Document	Type	Module
Year 11 Module 1: Kinematics Schedule	Assessment Schedule	Kinematics
Year 12 Module 6: Electromagnetism Task	Task + Marking Guidelines	Electromagnetism

## National Learning Progressions

### Cross-Curriculum Integration

These progressions support explicit teaching of literacy and numeracy skills within Physics contexts.

Progression	Description
Literacy Learning Progression	National progression for reading, writing, and communication skills
Numeracy Learning Progression	National progression for mathematical understanding and application

## Physics Stage 6 Modules

### Year 11 (Preliminary Course)

Module	Title	Outcomes
1	Kinematics	PH11-1, PH11-4, PH11-7
2	Dynamics	PH11-1, PH11-2, PH11-4
3	Waves and Thermodynamics	PH11-3, PH11-6, PH11-7
4	Electricity and Magnetism	PH11-3, PH11-5, PH11-6

### Year 12 (HSC Course)

Module	Title	Outcomes
5	Advanced Mechanics	PH12-4, PH12-5, PH12-12
6	Electromagnetism	PH12-4, PH12-5, PH12-6
7	The Nature of Light	PH12-4, PH12-7, PH12-14
8	From the Universe to the Atom	PH12-4, PH12-12, PH12-14

## Properties {#sec-properties}

Property	Value
<b>Subject</b>	Physics
<b>Stage</b>	6 (Years 11-12)
<b>Jurisdiction</b>	New South Wales, Australia
<b>Authority</b>	NSW Education Standards Authority (NESA)
<b>Syllabus Version</b>	2017
<b>Last Updated</b>	2026-01-06