



Key information for the Physics Stage 6 Syllabus (2017)

- Schools and teachers use syllabuses to develop educational programs for students. The [Physics Stage 6 Syllabus \(2017\)](#) requires students to study 8 modules over 240 hours of course time. 8 modules over 240 hours of course time.
- Physics Stage 6 Specific Course Requirements are outlined in the [Physics Stage 6 Syllabus \(2017\)](#), including requirements for depth study hours and practical investigation hours.
- Schools are required to develop an assessment program for each Year 11 and Year 12 course. School-based assessment requirements are outlined at [Assessment and reporting in Physics Stage 6](#).

HSC examinations

- Details on the HSC Physics examination can be found at [Assessment and reporting in Physics Stage 6](#). The HSC Physics examination consists of a written paper worth 100 marks. The time allowed is 3 hours plus 5 minutes reading time.
- Past HSC papers by NESA, are a useful resource to help students to become familiar with the examination format and structure. Past papers for Physics can be found at [HSC exam papers](#).
- HSC standards materials by NESA, provide a collection of resources of sample responses typical of work at the boundaries between HSC bands. The [Physics Stage 6 standards materials](#) can be found on the NESA webpages.

Support materials

The Science curriculum team provides resources to support NSW teachers in the implementation of the Physics syllabus and can be located on

- the [Physics](#) webpage. Here you will find module guides, sample scope and sequences, sample programs, sample assessment tasks and a range of teaching activities.
- the [Science statewide staffroom SharePoint](#) page. There is a specific page for [Physics](#) with a range of teaching and learning resources available.

NESA also has a range of support materials on the [Physics Stage 6 Syllabus \(2017\)](#) webpage.

Professional learning

There are a range of 'on demand' professional learning resources to support the implementation of the Physics Stage 6 Syllabus (2017) including:

- [Introduction to vectors and scalars](#)
- [Sample virtual program: Year 11 Physics – investigating waves](#)
- [Deep inside the atom](#)

We also offer a range of live online and face to face professional learning events throughout the year. To view upcoming events, go to the Science statewide staffroom professional learning channel or Stage 6 [Physics Channel](#).

General HSC information

- The [NSW Education Standards Authority \(NESA\)](#) oversees the Higher School Certificate (HSC), offering resources for students on exam preparation, course selection, and academic integrity.
- The [NESA HSC glossary](#) provides teachers with guidance on how to use key terms consistently, ensuring students understand their meanings and apply them appropriately across various subjects for effective exam preparation.
- The NESA [HSC assessment moderation](#) process ensures fairness by adjusting school assessment marks based on exam results, making them comparable across schools.
- The [ACE rules](#) outline HSC school-based assessment integrity, task development, marking, appeals, and record-keeping. They cover malpractice policies, illness/misadventure procedures, task notifications, ranking, and restrictions on reporting final marks, ensuring compliance with NESA's assessment standards.
- HSC monitoring advice, Section 1.6 outlines HSC record-keeping requirements, including teaching programs, assessment documentation, interventions and work samples. Visit [Stage 6 – monitoring implementation and support](#) for more information.
- School-based assessment for the HSC contributes to a student's final mark and is designed to evaluate students' understanding and skills based on syllabus outcomes.

Contact us

If you would like further information or support, please email Science7-12@det.nsw.edu.au or reach out to our team via the [Science Statewide Staffroom](#).

