How the skills content is presented in the Science Years 7–10 Draft Syllabus Version 2

- The knowledge, understanding and skills described in the content provide a sound basis for students to successfully transition to the next stage of learning.
- Teachers will make decisions about the sequence of learning and the emphasis to be given to particular content, based on the needs of their students.

Skills content is organised by the Working Scientifically strand.

The skills content is organised under the processes of Working Scientifically.

Science • Stage 4

Conducting investigations

Outcome
A student:
- follows a sequence of instructions to safely undertake a range of types of investigations, individually and collaboratively SC4-6WS

Related Life Skills outcomes: *SCLS-6WS*

Students:
- collaboratively and individually conduct a range of investigation types including fieldwork and experiments ensuring safety and ethical guidelines are followed (ACSIS125, ACSIS140)
- assemble and use appropriate equipment and resources to perform the investigation, including safety equipment
- select equipment to collect data with accuracy appropriate to the task [ICT, N] (ACSIS126, ACSIS141)
- follow the planned procedure when conducting an investigation, including in fair tests, measuring and controlling variables [EU, PSC] (ACSIS126, ACSIS141)
- record observations and measurements accurately using appropriate units for physical quantities
- perform specific roles safely and responsibly when working collaboratively to complete the task within the timeline [PSC]
- assess the method used and identify improvements to the method [CCT, WE] (ACSIS131, ACSIS146).

Life Skills outcomes related to Stage 4 and Stage 5 outcomes are included.

Outcomes and content are linked.

Australian curriculum content descriptions are included and coded.

The content provides breadth and depth of learning and appropriate scope for the subject.

Teachers integrate content from the processes of the Working Scientifically into units of work.

The content describes what students should know and be able to do in applying the processes.

Learning Across the Curriculum content is embedded.