# Engineering Technology 7–10 (2024): Suggested Stage 4 outcomes

The following suggested Stage 4 outcomes provide teachers with a guide to adjusting the Stage 5 outcomes in the *Engineering Technology 7–10 Syllabus* (2024) to meet the needs of students in Years 7 and 8. If you are teaching the syllabus to students in Stage 5 refer to the Stage 5 syllabus outcomes.

### Suggested outcomes

A student:

* applies safe work practices and identifies risk management procedures in engineering contexts
* communicates ideas and concepts for engineering practice
* investigates and explains engineering systems and solutions
* describes engineering practices and technologies used in engineering industries
* develops technical graphics in engineering contexts
* uses mathematical processes and practical testing in engineering contexts
* applies materials for engineering projects
* explains relationships between engineering design, production and sustainability