NEW ZEALAND GRAPHICS AND TECHNOLOGY TEACHERS ASSOCIATION
NGA POUAKO TOI O AOTEAROA

Level 2 Generic Technology

Supporting resources for achievement standards 2026

This teacher support document brings together links to current online resources from the MoE and NZQA for the Generic Technology Achievement Standards for Level 2.

This resource also includes five key points designed to support teachers in developing a clear understanding of the standards and implementing them effectively in practice.

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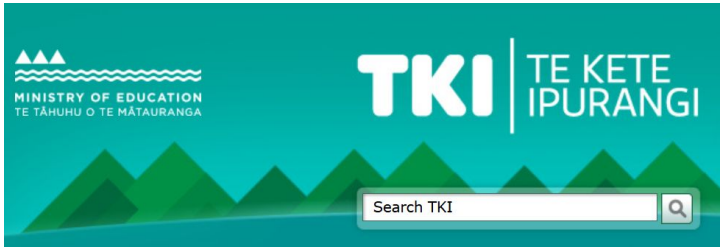

TKI is a free website designed to support teachers, school leaders, and educators across New Zealand. It provides access to a wide range of curriculum resources, teaching materials, and guidance. Currently the MoE is migrating content from outdated TKI websites onto Tāhūrangi and other Ministry of Education platforms.

https://ncea.tki.org.nz/Resources-for-internally-assessed-achievement-standards/Technology/Technology/Level-2-Technology

Use this link to access quality assured Teacher and Learner guidelines and Assessment Schedules for each of the Level 2 Technology Achievement Standards. These are editable Word document formats and should be customised to suit your own classroom context.

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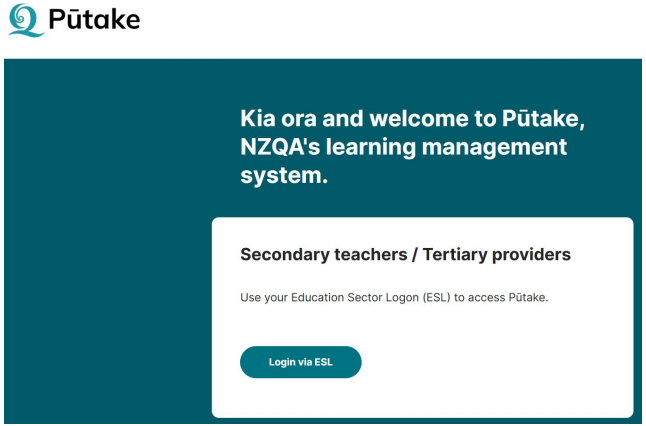

“Pūtake” is NZQA’s learning management system (LMS) for assessor support. Pūtake supports teachers to strengthen assessment practice by providing NZQA-aligned guidance, and moderation insights.

https://lms.nzqa.govt.nz/local/login/index.php

Use your Education Sector Logon (ESL) (for most teachers), or your NZQA login. If you don’t have an ESL, you’ll need to request one through your school (Principals Nominee) or the Ministry of Education.
Pūtake helps build confidence and consistency in making assessment judgements. All the short courses, modules and assessor support materials are designed to improve assessment consistency and confidence. This include the Assessor Practice Tool (APT) which allows you to practise making assessor judgements on full samples of student work.
https://vimeo.com/1052140463/97d060f351?share=copy

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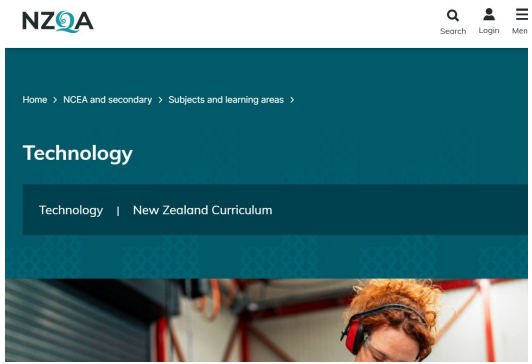

https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/

NZQA – Technology Subject Page is designed to support both teachers and learners with assessment and programme delivery in Technology. Via this homepage teachers can access a range of resources designed to help improve assessment practice and ensure consistency with national standards.

- **Exemplars and student work samples.** Annotated examples showing what achievement at different levels looks like, helping teachers benchmark their decisions. https://www2.nzqa.govt.nz/ncea/subjects/past-exams-and-exemplars/technology/
- **National moderator reports (NMR).** Annual reports highlighting common issues, trends, and advice to improve assessment quality. https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/nmr/
- **Assessment clarifications.** Guidance and updates on how specific standards should be interpreted and assessed. https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/clarifications/
- **Assessment specifications and conditions.** Official requirements for how assessments must be conducted. https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/
- **Request for presenters/ webinars.** https://www2.nzqa.govt.nz/ncea/ncea-for-teachers-and-schools/assessor-support/catalogue/events-and-presentations-for-assessors/
- **Pūtake** resources and assessor support. https://lms.nzqa.govt.nz/

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AS 91354 (2.1). Version 3

Undertake brief development to address an issue

5 Key Points about assessing this standard

1. Identify and justify a meaningful issue, need, or opportunity that has emerged from exploring a context.
2. Gather and use ongoing feedback from key and wider stakeholders to inform decisions throughout brief development.
3. Consider and prioritise relevant social and physical environmental factors that influence the outcome.
4. Describe and justify the intended outcome as the most appropriate response to the identified issue.
5. Develop and justify clear specifications that define the physical and functional attributes required for the outcome to be fit for purpose.

Resource links

Achievement Standard
https://www.nzqa.govt.nz/nqfdocs/ncea-resource/achievements/2019/as91354.pdf

Clarification
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/clarifications/as-91354/

Exemplars
https://www2.nzqa.govt.nz/ncea/subjects/past-exams-and-exemplars/technology/as-91354/

NZQA Assessment Templates
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/internal-alternative-evidence-gathering-templates-for-technology/

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AS 91355 (2.2). Version 3

Select and use planning tools to manage the development of an outcome

5 Key Points about assessing this standard

1. Select planning tools that are appropriate for managing the development of the intended outcome.
2. Analyse the strengths and limitations of available planning tools when aiming for Merit and above
3. Establish realistic goals, timeframes, resources, and critical review points within the planning process.
4. Review progress regularly and revise goals, resources, or planning tools when required.
5. Reflect on how planning decisions optimise the use of time, materials, and resources to achieve efficient management at Excellence level.

Resource links

Achievement Standard
https://www.nzqa.govt.nz/nqfdocs/ncea-resource/achievements/2019/as91355.pdf

Clarification
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/clarifications/as-91355/

Exemplars
https://www2.nzqa.govt.nz/ncea/subjects/past-exams-and-exemplars/technology/as-5/

NZQA Assessment Templates
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/internal-alternative-evidence-gathering-templates-for-technology/

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AS 91356 (2.3). Version 3

Develop a conceptual design for an outcome

5 Key Points about assessing this standard

1. Generate design ideas that are informed by research and linked directly to the brief.
2. Use stakeholder feedback, modelling, testing, and research evidence to evaluate design ideas.
3. Refine ideas through ongoing exploration rather than selecting a solution too early.
4. Communicate the conceptual design clearly using suitable visual and written techniques.
5. Justify why the final conceptual design has the potential to be fit for purpose and address the brief.

Resource links

Achievement Standard
https://www.nzqa.govt.nz/nqfdocs/ncea-resource/achievements/2019/as91356.pdf

Clarification
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/clarifications/as-91356/

Exemplars
https://www2.nzqa.govt.nz/ncea/subjects/past-exams-and-exemplars/technology/as-91356-a/

https://www2.nzqa.govt.nz/ncea/subjects/past-exams-and-exemplars/technology/as-91356-b/

NZQA Assessment Templates
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/internal-alternative-evidence-gathering-templates-for-technology/

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AS 91357 (2.4). Version 3

Undertake effective development to make and trial a prototype

5 Key Points about assessing this standard

1. Develop a prototype that is directly linked to the specifications established in the brief
2. Conduct purposeful trials and testing that provide valid evidence about the prototype's performance.
3. Use evidence from trials, stakeholder feedback, and evaluation to guide modifications and improvements
4. Demonstrate iterative development by showing how decisions are informed by testing outcomes
5. Evaluate the prototype against specifications and justify decisions that improve fitness for purpose.

Resource links

Achievement Standard
https://www.nzqa.govt.nz/nqfdocs/ncea-resource/achievements/2019/as91357.pdf

Clarification
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/clarifications/as-91357/

Exemplars
https://www2.nzqa.govt.nz/ncea/subjects/past-exams-and-exemplars/technology/as-91357/

NZQA Assessment Templates
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/internal-alternative-evidence-gathering-templates-for-technology/

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AS 91361 (2.8). Version 4

Demonstrate understanding of sociocultural factors, and how competing priorities are managed, in technology

5 Key Points about assessing this standard

1. Identify sociocultural factors that have influenced the development of a technological outcome.
2. Explain how stakeholder values, beliefs, needs, and expectations affect technological practice.
3. Describe situations where competing priorities exist between stakeholders or environmental considerations.
4. Explain how technological practice balances and manages competing priorities to reach decisions
5. Discuss the impacts of those decisions on stakeholders and the resulting technological outcome for Excellence-level responses.

Resource links

Achievement Standard
https://www.nzqa.govt.nz/nqfdocs/ncea-resource/achievements/2019/as91361.pdf

Clarification
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/clarifications/as-91361/

Exemplars
https://www2.nzqa.govt.nz/ncea/subjects/past-exams-and-exemplars/technology/as-91361/

NZQA Assessment Templates
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/internal-alternative-evidence-gathering-templates-for-technology/

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AS 91362 (2.9). Version 4

Demonstrate understanding of the nature of technological outcomes

5 Key Points about assessing this standard

1. Identify the physical and functional nature of technological outcomes within a chosen context
2. Explain how outcomes are designed to be fit for purpose for particular users and environments.
3. Describe how stakeholder needs and intended function influence outcome characteristics.
4. Compare examples of outcomes to show how fitness for purpose can vary across contexts
5. Discuss how changes to user needs, environments, or specifications can influence the evolution of technological outcomes.

Resource links

Achievement Standard
https://www.nzqa.govt.nz/nqfdocs/ncea-resource/achievements/2019/as91362.pdf

Clarification
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/clarifications/as-91362/

Exemplars
https://www2.nzqa.govt.nz/ncea/subjects/past-exams-and-exemplars/technology/as-91362/

NZQA Assessment Templates
https://www2.nzqa.govt.nz/ncea/subjects/select-subject/technology/internal-alternative-evidence-gathering-templates-for-technology/