Field   Engineering and Technology

Review of *Digital Technologies* Level 1 achievement standards

Achievement standards

Domain	ID	Subject reference
Digital Technologies	91075, 91076	Digital Technologies 1.45 & 1.46

The Ministry of Education has completed an early review of the achievement standards listed above.

New Registration date   **November 2011**

Date new versions published   **November 2011**

Planned review date   **December 2014**

Summary of review and consultation process

The Ministry received early feedback from teachers and moderators about difficulties that were encountered during the first year of use of the standards. The standards were reviewed by members of the Standards Writing Group and endorsed by NZQA officials.

The two standards were substantially re-written to align them with the approach taken in the equivalent Level 2 standards – 91372 (Digital Technologies 2.45) & 91373 (Digital Technologies 2.46).

Main changes resulting from the review

91075 (Digital Technologies 1.45)
- The title was changed to align the standard to its Level 2 counterpart – 91372 (Digital Technologies 2.45), where the decision was made to move away from the algorithm focus. This focus was presenting barriers to the use of the standard and was technically incorrect.

91075 (Digital Technologies 1.45) & 91076 (Digital Technologies 1.46)
- Specific reference to nested iterations at Merit and Excellence was removed to broaden the scope of the standard, allowing for a range of strategies to be used as evidence of skilful and efficient practice. The new version does not exclude the use of nested iterations should the nature of the task require them. Rather, the changes ensure that they are no longer a requirement for Merit and Excellence.
- The new Explanatory Notes provide greater clarity and guidance regarding: the nature of the step-up from Achieved to Merit to Excellence; and the focus and scope of assessment. The Explanatory Notes were also changed to align with those used in Digital Technologies 2.45 and Digital Technologies 2.46.

Review Categories and changes to classification, title, level, and credits

Changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement achievement standard with a new ID
D	Achievement standard will expire and not be replaced

The last date for assessment of the superseded version of internally assessed achievement standards categorised as category B is end of	December 2012

Engineering and Technology > Technology > Digital Technologies

ID	Ref	Title	Level	Credit	Review Category
91075	1.45	Construct an algorithmic structure for a basic task **Construct a plan for a basic computer program for a specified task**	1	3	B
91076	1.46	Construct a basic computer program for a specified task	1	3	B