Assessment Schedule – 2012
Technology: Demonstrate understanding of how technological modelling supports decision-making (91048)

Final grades will be decided using professional judgement based on a holistic examination of the evidence provided against the criteria.

Issues from the Specifications

Authentic candidate submissions will be recognisable because of specific contexts associated with the work. This does not imply that submissions will arise only from the candidate's practice. However, where the candidate's practice does not provide the immediate source of a specific context, one would expect to see that several sources of information relating to modelling had been applied within a specific context. In both cases, the marker will be able to detect the candidate's voice. In situations where information does not have some aspect of student voice, it is difficult to establish whether the candidate has actually demonstrated understanding or simply identified information.

Candidates who have simply identified information by reproducing information from sources without making use of that information have not demonstrated understanding.

Where a candidate has provided a brief answer, the answer should not be penalised because of length.

Candidate work in excess of 14 pages should not be marked.

Where work is illegible, it cannot be marked.

Digital submissions that cannot be read cannot be marked.

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrating understanding of how technological modelling supports decision-making involves: identifying the technological modelling undertaken to develop and trial a technological outcome identifying evidence derived from technological modelling describing how the evidence gained informed decisions about 'what could happen' and 'what should happen' for the technological outcome.	Demonstrating in-depth understanding of how technological modelling supports decision-making involves: explaining the purpose of the technological modelling undertaken to develop and trial a technological outcome explaining why the evidence gained enabled decisions to be made about 'what could happen' and 'what should happen' for the technological outcome.	Demonstrating comprehensive understanding of how technological modelling supports decision-making involves: discussing how decisions made about a technological outcome considered 'what could happen' and 'what should happen' discussing how technological modelling identifies risk to support decision making.