Assessment Schedule – 2012
Technology: Demonstrate understanding of how materials enable technological products to function (91049)

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
Demonstrate understanding of how materials enable technological products to function involves:	Demonstrate in-depth understanding of how materials enable technological products to function involves:	Demonstrate comprehensive understanding of how materials enable technological products to function involves:
describing the composition, structure and performance properties of materials used in a technological product	explaining how the composition and structure of materials determine the performance properties the materials exhibit	discussing how the interaction between the composition, structure and manipulation of materials enables technological products to function as intended.
describing the impact of the composition and structure of materials on how materials can be manipulated (e.g. mixed, shaped, joined, combined, separated, finished)	explaining how the composition and structure of materials determine the ways materials can be manipulated.	
explaining how the materials used and the way they have been manipulated allow technological products to function as intended.		