

# Open Awards Qualification Unit



This unit forms part of a regulated qualification.

## 1 Unit Details

Unit Title:	The Mechanics of Making Things
Unit Reference Number:	M/650/3630
Level:	Entry Level Two
Credit Value:	3
Minimum GLH:	30

## 2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know the role that science plays in the development and production of common household items	1.1 Identify how science may be used for: <ul style="list-style-type: none"> <li>• Selecting materials for products</li> <li>• Designing products</li> <li>• Testing products</li> </ul>
	1.2 State how science is used to produce common household objects
2. Know how mechanical engineering links to making products	2.1 Identify common mechanical engineering processes used to make products
	2.2 Identify common household products that are made using mechanical engineering processes
3. Know how science and mechanical engineering skills are used to make components and products	3.1 Identify how mechanical engineering processes are used to make components and serviceable products
	3.2 Identify the mechanical engineering processes involved in making given components and products
	3.3 Identify the science skills involved in making given components and products
4. Be able to take part in tasks involving mechanical engineering skills	4.1 Take part in tasks that involve mechanical engineering skills
	4.2 Work safely with others during mechanical engineering tasks
	4.3 Demonstrate own mechanical engineering skills during tasks requiring mechanical engineering