

# Open Awards Qualification Unit



**Comment [GU]:** Not our area of expertise, however, unit has been reviewed and appears ok in our opinion

This unit forms part of a regulated qualification.

## 1 Unit Details

Unit Title:	The Mechanics of Making Things
Unit Reference Number:	D/650/3653
Level:	Entry Level Three
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 of science in the design, development and manufacture of common everyday items	1.1 State the role of science in: <ul style="list-style-type: none"> <li>• Selection of materials</li> <li>• Product design</li> <li>• Product development and testing</li> </ul>
	1.2 State the role of science in manufacturing products
2. Know about the links between mechanical engineering and the manufacture of everyday items	2.1 Identify manufacturing processes and procedures that rely on mechanical engineering
	2.2 Identify a range of common household items that are produced using mechanical engineering
3. Understand how to use science and engineering skills to make serviceable products	3.1 Explain how mechanical engineering processes are used to make simple everyday items
	3.2 Investigate the mechanical engineering processes involved in making given items
	3.3 Outline the science and engineering skills required to make given items
4. Be able to take part in mechanical engineering tasks	4.1 Participate safely in mechanical engineering tasks

4.2 Work effectively with others on mechanical engineering tasks