

# Open Awards Qualification Unit



## 1 Unit Details

Unit Title:	The Science of Making Things – Animal and Plant Products
Unit Reference Number:	M/650/3659
Level:	Entry Level 3
Credit Value:	6
Minimum GLH:	50

## 2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know about common household products made from animal and plants materials	1.1 Identify a range of common household products and items made from: <ul style="list-style-type: none"> <li>• Plants and trees</li> <li>• Flowers, seeds and grains</li> <li>• Animal products</li> </ul>
2. Know the processes for converting the raw materials from animals and plants into useful products and ingredients	2.1 Identify the processes involved converting raw materials from: <ul style="list-style-type: none"> <li>• Plants and trees</li> <li>• Flowers, seeds and grains</li> <li>• Animal products</li> </ul> into useful household products and ingredients
3. Know how to make serviceable household products and ingredients from animal and plant ingredients	3.1 State how household products and ingredients can be made from: <ul style="list-style-type: none"> <li>• Plants and trees</li> <li>• Flowers, seeds and grains</li> <li>• Animal products</li> </ul>
4. Be able to participate in making household products and ingredients from animal and plant ingredients	4.1 Work with others to choose household products and ingredients to make
	4.2 Work with others to gather raw materials and equipment required to make chosen household products and ingredients

4.3 Participate in appropriate processes to prepare raw materials for use

4.4 Work safely with others to make household products and ingredients with raw ingredients from animals and plants

4.5 Showcase household products and ingredients made with raw materials from animals and plants

### Learning Outcome 1 - Indicative Content

**Plants and Trees:** items and products made from timber, reed and thatch, including: timber used in construction, furniture, homewares, dyes and colourings, flavourings, medicines, herbal remedies

**Flowers, seeds and grains:** items and products made from flowers, seeds and grains including: human and animal foodstuffs, dyes and colourings, soft furnishings, medicines and herbal remedies, fabrics and textiles

**Animal Products:** items and products made from animal bones and skin, including furniture, homewares, leathers and textiles, human foodstuffs, animal feed products

**Minerals and Ores:** products and items made from metals and metal alloys, clay, rock, stone including: china wear, clay, bricks, steels used in construction, blades, knives and cutlery, furniture and homewares, kitchen appliances, vehicles and transport

### Learning Outcome 2 - Indicative Content

**Processes:** cleaning, compressing, cooling, drying, extraction, grinding, heating, maturing, milling, mining, moulding, pounding, smelting, spinning, stripping, weaving, whittling