

# Open Awards Qualification Unit



This unit forms part of a regulated qualification.

## 1 Unit Details

Unit Title:	Chemical Sciences in the Home
Unit Reference Number:	J/650/3656
Level:	Entry Level Two
Credit Value:	6
Minimum GLH:	50

## 2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know about chemicals and chemical reactions commonly used in the home	1.1 Give examples of chemicals and chemical reactions commonly used in the home
2. Know how chemicals and chemical reactions are used in the home	2.1 State how chemicals and chemical reactions are used in the home
	2.2 State the risks from using chemicals and chemical reactions in the home
	2.3 Identify the health and safety precautions for using chemicals and chemical reactions in the home
3. Be able to use chemicals and chemical reactions safely	3.1 State the precautions that should be in place when working with chemicals and chemical reactions
	3.2 Use mixed and diluted chemicals safely in appropriate ways and proportions
	3.3 Use Personal Protective Equipment (PPE) when working with chemicals and chemical reactions
	3.4 Follow safety instructions and guidelines when using chemicals and chemical reactions

		3.5	Dispose of waste chemicals safely and appropriately
4.	Know how to clean up chemical spills in the home	4.1	State the potential impacts of chemical spills in the home on: <ul style="list-style-type: none"> <li>• Household objects and materials</li> <li>• Humans</li> <li>• Pets</li> <li>• Foodstuffs</li> </ul>
		4.2	State ways that chemical spills in the home may be safely dealt with
5.	Know how to make usable products from a range of chemicals	5.1	Identify chemical ingredients commonly found in household products
		5.2	State how chemical ingredients can be combined to make useful products
		5.3	State the risks when using chemicals and chemical reactions to make useful products
6.	Be able to contribute to making simple household products using chemical ingredients and reactions	6.1	Contribute to decisions about simple household products to make
		6.2	Work with others prepare chemical ingredients for use in agreed products
		6.3	Participate in gathering materials and equipment to make agreed products
		6.4	Contribute to producing simple household products with chemicals and chemical reactions
		6.5	Demonstrate safe working practices working with chemicals and chemical reactions