Open Awards Qualification Unit

1 Unit Details

Unit Title:	The Science of Making Things – Minerals and Ores
Unit Reference Number:	A/650/3661
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 processes for making ingredients from minerals and ores	1.1 Identify common household items and products that: • Are made from minerals/ores • Include ingredients from minerals/ores
	1.2 State the processes for making ingredients from minerals and ores
2. Know the processes for obtaining minerals and ores	2.1 State the processes involved in obtaining raw minerals and ores
	2.2 Identify the processes required to convert raw minerals and ores into useful materials
	2.3 Identify a range of useful ingredients and materials for household items and products
3. Know how to make useful items with mineral and ore ingredients	3.1 State how items and products can be made from a range of mineral and ore ingredients
4. Be able to participate in making simple items and products using a range of minerals and ores	4.1 Work with others to choose items and products to make with a range of minerals and ores
	4.2 Work with others to gather and prepare ingredients and materials required to make chosen items and products

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	4.3	Participate in appropriate processes to prepare materials and ingredients
	4.4	Work safely with others to make serviceable products and items from minerals and ores
	4.5	Showcase items and products made from minerals and ores
5. Be able to review own participation in projects to make things with natural materials	5.1	Identify own contributions to: • Choice of products and items to be made • Gathering and preparing materials to be made • Participation in processes to make items and products • Final product showcase
	5.2	Identify ways: • Own contributions • Show case • End product could be improved

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