Open Awards Qualification Unit

This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Electrical Circuits
Unit Reference Number:	H/650/3556
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 what electrical circuits are	1.1 Say what electrical circuits are
	1.2 Say how electrical circuits can be made
	1.3 Identify the components required to build electrical circuits
	1.4 Name one requirement for a working electrical circuit to power a small device
2. Know how to wire a circuit to power a device from a battery	2.1 State how to wire a circuit to power a small device using batteries
	2.2 Give examples of sources other than batteries that may be used to power a small device
	2.3 State one requirement for powering small devices with: • Batteries • Alternatives to batteries
3. Be able to wire a functioning electrical circuit	3.1 Wire a circuit to power a lightbulb with: • Batteries • Fruit and vegetables

	3.2	Identify any delays in energy transfer from different circuit layouts
4. Be able to wire a circuit to power a clock	4.1	Design a circuit to deliver power to a clock mechanism
	4.2	Wire a circuit to a suitable energy source to be able to power a clock mechanism
	4.3	Find the most effective fruit and vegetables for powering a clock mechanism