

Level 1 Award in Environmental Awareness (7530-01)

August 2017 Version 1.1



Qualification at a glance

Subject area	Environmental Conservation
City & Guilds number	7530-01
Age group approved	All
Entry requirements	n/a
Assessment	E-volve test
Fast track	Available
Support materials	n/a
Registration and certification	Consult the Walled Garden/Online Catalogue for last dates

Title and level	GLH	TQT	City & Guilds number	Accreditation number
Level 1 Award in Environmental Awareness	16	20	7530-01	600/5208/9

Version and date	Change detail	Section
1.1 August 2017	Added GLH & TQT details	Qualification at a glance
	Removed QCF	Appendix 2



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1 Introduction

This document tells you what you need to do to deliver the qualification:

Area	Description
Who is the qualification for?	This qualification is aimed at any candidate to gain knowledge on environmental awareness.
What does the qualification cover?	It allows candidates to learn and develop knowledge on environmental awareness
Is the qualification part of a framework or initiative?	n/a
What opportunities for progression are there?	It allows candidates to progress onto further learning and training.

To achieve the **Level 1 Award in Environmental Awareness** learners must achieve **2** credits from the mandatory unit.

Unit accreditation number	City & Guilds unit number	Unit title	Credit value	Excluded combination of units (if any)
Mandatory				
K/503/9703	Unit 101	The principles of environmental awareness	2	n/a

Total Qualification Time

Total Qualification Time (TQT) is the total amount of time, in hours, expected to be spent by a Learner to achieve a qualification. It includes both guided learning hours (which are listed separately) and hours spent in preparation, study and assessment.

Title and level	GLH	TQT
Level 1 Award in Environmental Awareness	16	20



2 Centre requirements

Approval

To offer this qualification, new centres will need to gain both centre and qualification approval. Please refer to the *Centre Manual - Supporting Customer Excellence* for further information.

Centre staff should familiarise themselves with the structure, content and assessment requirements of the qualification before designing a course programme.

Resource requirements

Centre staffing

Centre staff may undertake more than one role, eg tutor and assessor or internal verifier, but cannot internally verify their own assessments.

Assessors and internal verifiers

Assessor/Verifier (A/V) units are valued as qualifications for centre staff, but they are not currently a requirement for the qualification.

Continuing professional development (CPD)

Centres must support their staff to ensure that they have current knowledge of the occupational area, that delivery, mentoring, training, assessment and verification is in line with best practice, and that it takes account of any national or legislative developments.

Candidate entry requirements

City & Guilds does not set entry requirements for this qualification. However, centres must ensure that candidates have the potential and opportunity to gain the qualification successfully.

Age restrictions

There is no age restriction for this qualification unless this is a legal requirement of the process or the environment.



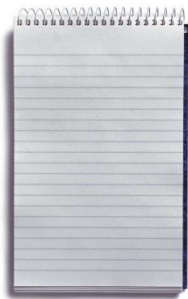
3 Delivering the qualification

Initial assessment and induction

An initial assessment of each candidate should be made before the start of their programme to identify:

- if the candidate has any specific training needs,
- support and guidance they may need when working towards their qualification
- any units they have already completed, or credit they have accumulated which is relevant to the qualification.
- the appropriate type and level of qualification.

We recommend that centres provide an induction programme so the candidate fully understands the requirements of the qualification, their responsibilities as a candidate, and the responsibilities of the centre. This information can be recorded on a learning contract.



4 Assessment

City & Guilds has written the following assessments to use with this qualification:

- online multiple choice tests, using e-volve

Unit	Title	Assessment method	Where to obtain assessment materials
101	The Principles of Environmental Awareness	City & Guilds e-volve multiple choice test The test covers the all of the knowledge in the unit.	N/A Examinations provided on e-volve.

Assessment strategy

Test specifications

The way the knowledge is covered by each test is laid out in the table below:

Test 1: Unit 101
Duration: 35 minutes

Unit	Outcome	Number of questions	%
101	1	5	25
	2	5	25
	3	6	25
	4	5	25
Total		21	100

Recognition of prior learning (RPL)

Recognition of prior learning means using a person's previous experience or qualifications which have already been achieved to contribute to a new qualification.

RPL is not allowed for this qualification.



5 Units

Availability of units

Example 1

They are on The Register of Regulated Qualifications:
<http://register.ofqual.gov.uk/Unit>

Structure of units

These units each have the following:

- City & Guilds reference number
- unit accreditation number (UAN)
- title
- level
- credit value
- guided learning hours
- unit aim
- endorsement by a sector or other appropriate body
- information on assessment
- learning outcomes which are comprised of a number of assessment criteria

Summary of units

Example

Unit	Title	UAN	Credits
101	The principles of environmental awareness	K/5003/9703	2

Unit 101

The principles of environmental awareness

UAN:	K/503/9703
Level:	1
Credit value:	2
GLH:	16
Relationship to NOS:	n/a
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC, the Sector Skills Council for Land and Environment.
Aim:	The aim of this unit is to introduce learners to the principles of environmental awareness. The unit includes common terminology, impacts of environmental change, resource efficiency and reducing environmental impacts.

Learning outcome
The learner will: 1. Know common terms used in relation to environmental issues
Assessment criteria
The learner can: 1.1 Define the term climate change 1.2 Define the term ecological footprint 1.3 Define the term carbon management 1.4 Define the term sustainable development 1.5 Define the three strands of sustainability

Learning outcome
The learner will: 2. Understand the impacts of environmental change
Assessment criteria
The learner can: 2.1 Identify the key features of an ecological footprint 2.2 Identify key features of the science of climate change 2.3 Identify major impacts of climate change and global warming

Learning outcome
The learner will: 3. Know the importance of resource efficiency
Assessment criteria
The learner can: 3.1 Identify commonly used resources 3.2 State the links between resource efficiency and climate change 3.3 Identify business reasons of resource efficiency

Learning outcome
The learner will: 4. Know practical ways to reduce environmental impacts
Assessment criteria
The learner can: 4.1 Identify ways to reduce consumption of commonly used resources 4.2 Identify ways to reuse commonly used resources 4.3 Identify recyclable resources

Range
<p>1.1 climate change "Climate change is a significant and lasting change weather patterns over long periods."</p> <p>1.2 ecological footprint "ecological footprint is a measure of human demand on the Earth's resources."</p> <p>1.3 carbon management The process of managing an individual or organisation's emissions of greenhouse gases</p> <p>1.4 sustainable development "Development that meets the needs of the present without compromising the ability of future generations to meet their own needs"</p> <p>1.5 three strands of sustainability Economic, social, environment</p> <p>2.1 key features Average footprint is 3 planets Difference between developed world and developing world footprints (and implications for those people in those countries) Major sectors: Food, Transport, Manufacturing, Agriculture, Energy,</p>

Forestry
Population growth

2.2 key features

Temperature rise including global average temperature rise
Natural and man-made drivers [solar cycles, volcanoes; emissions and land use change)
Carbon Dioxide and greenhouse gases (role of)
Concept of reinforcing cycles e.g. with reducing ice caps and glaciers, increased heat capture by oceans, water vapour as greenhouse gas, release of methane into atmosphere and as greenhouse gas

2.3 major impacts

Global warming
Sea level rise
Ocean acidification
Health (Disease vectors)
Temperature rise
Extreme weather events
Deforestation
Ecosystem strain
Loss of biodiversity
Release of methane and clathrates and subsequent tsunami and danger to shipping and populations

3.1 commonly used resources

Water, energy, food
Including the distinction between renewable and non-renewable

3.2 links

Emissions of greenhouse gases from manufacturing, agriculture, transport, forestry, aviation, shipping
Embodied energy
Emissions from waste / transport / energy use
Transfer of greenhouse gases from one part of a cycle to another e.g. hybrid cars reduce fuel consumption but use inefficient coal fired power stations to charge batteries

3.3 Business reasons

Regulation/ legislation
Reputation
Cost reduction
Staff retention
Profitability
Development of industrial capability and standard of living in less developed countries

4.1 ways to reduce

Boil only water needed for cup
Cook food for only those eating
Switch off lights, monitors
Print on both sides
Flush only when needed
Walk
Solar power
Insulation
Service vehicles and machinery regularly serviced and maintained

4.2 ways to reuse

Identify new ways of using materials
Reuse wrapping, boxes, plastic bags
Composting (paper, wood, food)
Chip fat from local chip shop used as diesel
Re-use coffee cups
Print on both sides
Batteries
Grey water harvesting

4.3 recyclable

Aluminum
Newspapers, paper and card
Electrical and electronic equipment including mobile phones
Batteries
Ink and toner cartridges.
Glass
Plastic etc
Incorrect approaches e.g. biodiesel from Palm oil, alcohol from maize, carbon offsets, ban on nuclear power
Building materials



Appendix 1 Relationships to other qualifications

Links to other qualifications

Literacy, language, numeracy and ICT skills development

This qualification can develop skills that can be used in the following qualifications:

- Functional Skills (England) – see www.cityandguilds.com/functionalskills
- Essential Skills (Northern Ireland) – see www.cityandguilds.com/essentialskillsni
- Essential Skills Wales – see www.cityandguilds.com/esw



Appendix 2 Sources of general information

The following documents contain essential information for centres delivering City & Guilds qualifications. They should be referred to in conjunction with this handbook. To download the documents and to find other useful documents, go to the **Centres and Training Providers homepage** on www.cityandguilds.com.

Centre Manual - Supporting Customer Excellence contains detailed information about the processes which must be followed and requirements which must be met for a centre to achieve 'approved centre' status, or to offer a particular qualification, as well as updates and good practice exemplars for City & Guilds assessment and policy issues. Specifically, the document includes sections on:

- The centre and qualification approval process
- Assessment, internal quality assurance and examination roles at the centre
- Registration and certification of candidates
- Non-compliance
- Complaints and appeals
- Equal opportunities
- Data protection
- Management systems
- Maintaining records
- Assessment
- Internal quality assurance
- External quality assurance.

Our Quality Assurance Requirements encompasses all of the relevant requirements of key regulatory documents such as:

- Regulatory Arrangements for the Qualifications and Credit Framework (2008)
- SQA Awarding Body Criteria (2007)
- NVQ Code of Practice (2006)

and sets out the criteria that centres should adhere to pre and post centre and qualification approval.

Access to Assessment & Qualifications provides full details of the arrangements that may be made to facilitate access to assessments and qualifications for candidates who are eligible for adjustments in assessment.

The **centre homepage** section of the City & Guilds website also contains useful information such on such things as:

- **Walled Garden:** how to register and certificate candidates on line
- **Events:** dates and information on the latest Centre events
- **Online assessment:** how to register for e-assessments.

Centre Guide – Delivering International Qualifications contains detailed information about the processes which must be followed and requirements which must be met for a centre to achieve 'approved centre' status, or to offer a particular qualification. Specifically, the document includes sections on:

- The centre and qualification approval process and forms
- Assessment, verification and examination roles at the centre
- Registration and certification of candidates
- Non-compliance
- Complaints and appeals
- Equal opportunities
- Data protection
- Frequently asked questions.

Useful contacts

UK learners General qualification information	T: +44 (0)844 543 0033 E: learnersupport@cityandguilds.com
International learners General qualification information	T: +44 (0)844 543 0033 F: +44 (0)20 7294 2413 E: intcg@cityandguilds.com
Centres Exam entries, Certificates, Registrations/enrolment, Invoices, Missing or late exam materials, Nominal roll reports, Results	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413 E: centresupport@cityandguilds.com
Single subject qualifications Exam entries, Results, Certification, Missing or late exam materials, Incorrect exam papers, Forms request (BB, results entry), Exam date and time change	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413 F: +44 (0)20 7294 2404 (BB forms) E: singlesubjects@cityandguilds.com
International awards Results, Entries, Enrolments, Invoices, Missing or late exam materials, Nominal roll reports	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413 E: intops@cityandguilds.com
Walled Garden Re-issue of password or username, Technical problems, Entries, Results, e-assessment, Navigation, User/menu option, Problems	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413 E: walledgarden@cityandguilds.com
Employer Employer solutions, Mapping, Accreditation, Development Skills, Consultancy	T: +44 (0)121 503 8993 E: business@cityandguilds.com
Publications Logbooks, Centre documents, Forms, Free literature	T: +44 (0)844 543 0000 F: +44 (0)20 7294 2413

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