

**NCFE Level 2 Certificate in Understanding Climate Change and Environmental Awareness (603/5683/2)**

**Statement of authenticity**

Learner name:

Centre number:

Centre name:

**Signatures**

Learner: Date:

Tutor/Assessor: Date:

Internal Quality Assurer (IQA)\*: Date:

External Quality Assurer (EQA)\*: Date:

\* For completion if part, or all, of the evidence has been sampled by the Internal and/or External Quality Assurer

**Unit 01 Understand climate change, sustainability and environmental protection (K/618/0572)**

**Learning outcome 1**

**You will:** Understand the environment, the benefits and the challenges

You must:

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| **1.1 Define the term ‘environment’** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
|  |  |
| **IQA/EQA feedback** | |

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| **1.2 Outline ways in which society depends on the environment** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 01 Understand climate change, sustainability and environmental protection (K/618/0572)**

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| **1.3 Describe the key challenges facing the environment** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 01 Understand climate change, sustainability and environmental protection (K/618/0572)**

**Learning outcome 2**

**You will:** Understand global warming and climate change

You must:

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| **2.1 Define the term ‘climate change’** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **2.2 Explain the causes of global warming** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 01 Understand climate change, sustainability and environmental protection (K/618/0572)**

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| **2.3 Outline the relationship between global warming, greenhouse effect and climate change** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **2.4 Outline the impact of global warming on the environment** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **2.5 Explain why the changing climate has had to be classed as an emergency** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 01 Understand climate change, sustainability and environmental protection (K/618/0572)**

**Learning outcome 3**

**You will:** Understand sustainability and sustainable development

You must:

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| **3.1 Define the terms ‘sustainability’ and ‘sustainable development’** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **3.2 Describe the importance of sustainable development** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 01 Understand climate change, sustainability and environmental protection (K/618/0572)**

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| **3.3 Explain the roles of governments, individuals, organisations and non-governmental organisations (NGOs) in sustainable development** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **3.4 Describe the 3 pillars of sustainability** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **3.5 Outline a vision for a more sustainable future** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 01 Understand climate change, sustainability and environmental protection (K/618/0572)**

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| **3.6 Explain the barriers to a sustainable future** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 02 Understand industry and the environment (M/618/0573)**

**Learning outcome 1**

**You will:** Understand the role of industry in protecting the environment

You must:

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| **1.1 Identify industrial sectors that have a significant impact on the environment** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.2 State the business case for environmental protection** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 02 Understand industry and the environment (M/618/0573)**

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| **1.3 Outline principles of environmental protection** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.4 Outline environmental legislation** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.5 Identify tools or frameworks that organisations can use to protect the environment** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 02 Understand industry and the environment (M/618/0573)**

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| **1.6 Define the term ‘pollution’** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.7 Describe examples of pollution control measures** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 03 Understanding resource efficiency and waste management (T/618/0574)**

**Learning outcome 1**

**You will:** Understand how to reduce the environmental impact of organisations and individuals

You must:

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| **1.1 Define the term ‘waste’** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.2 Define the term ‘resource efficiency’** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 03 Understanding resource efficiency and waste management (T/618/0574)**

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| **1.3 Describe the impacts of resource consumption and waste disposal on the environment** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.4 Outline the steps of the waste hierarchy** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.5 List the different types of waste classification in legislation** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 03 Understanding resource efficiency and waste management (T/618/0574)**

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| **1.6 Identify the types of recyclable waste streams** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.7 Explain the different types of symbols for recycling** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.8 Outline the different recycling schemes** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 03 Understanding resource efficiency and waste management (T/618/0574)**

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| **1.9 Describe actions an organisation could take to reduce consumption** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.10 Describe actions an organisation could take to reduce waste** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **1.11 Outline the actions an individual could take to reduce consumption and waste disposal** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 03 Understanding resource efficiency and waste management (T/618/0574)**

**Learning outcome 2**

**You will:** Understand how to reduce energy consumption and carbon emissions

You must:

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| **2.1 Identify non-renewable sources of energy** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **2.2 Identify renewable sources of energy** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 03 Understanding resource efficiency and waste management (T/618/0574)**

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| **2.3 Explain the advantages and disadvantages of different sources of energy** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **2.4 Outline the business case for energy efficiency** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **2.5 Define the term ‘carbon footprint'** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 03 Understanding resource efficiency and waste management (T/618/0574)**

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| **2.6 Describe ways to reduce the energy consumption and carbon footprint of a typical organisation** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **2.7 Describe ways to reduce an individual’s carbon footprint** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 03 Understanding resource efficiency and waste management (T/618/0574)**

**Learning outcome 3**

**You will:** Understand water efficiency

You must:

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| **3.1 Explain how human activity impacts water quality and availability** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **3.2 Outline the business case for water management and efficiency** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

**Unit 03 Understanding resource efficiency and waste management (T/618/0574)**

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| **3.3 Outline actions an organisation could take to reduce water consumption** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |

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| **3.4 Outline actions an individual could take to reduce water consumption** | |
| **What have you done to show this?** | Location of evidence (eg hyperlink/portfolio page number) |
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| **IQA/EQA feedback** | |