

GCSE Agriculture and Land Use

Subject Guidance for Summer 2022

Unit 3 Controlled Assessment: Task 1 Summer 2022 submission

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Specification adaptations - Task 1 Data Collection

- Teachers can supply experimental data for students instead of the requirement for students to collect primary data.
- The marking criteria used to assess Task 1 of the Controlled Assessment will be amended so that no marks are awarded for collection of primary data.

Amended marking criteria (for Summer 2022 only)

The marking criteria for the Data Collection section of Task 1 have been amended (see page 4) to reflect the adaptation that permits candidates to be supplied with data by their teacher. The bullets on candidates carrying out the 'investigation independently' and 'obtaining measurements' have been removed. There are still 16 marks available for this section, with marks being awarded against the **remaining marking criteria**. Please view the [webinar](#) on the Summer 2022 arrangements for more detail.

There have been no changes to the criteria used to assess **Task 2**.

Assessment Criteria for Controlled Assessment (for Summer 2022 only)

Task 1: Practical Investigation Planning and Risk Assessment (AO1; AO2)

Mark Band 1: [1–6]	Mark Band 2: [7–12]	Mark Band 3: [13–18]	Mark Band 4: [19–24]
At this level, candidates may require considerable support and guidance.	At this level, candidates may require some support and guidance.	At this level, candidates may require only minimal support and guidance.	At this level, candidates may require no guidance.
Making little or no use of relevant specialist terms, where appropriate, candidates: <ul style="list-style-type: none"> ● develop a basic hypothesis based on the topic that states simply what they wish to find out; ● produce a simple plan using limited scientific knowledge; ● identify a limited list of apparatus/equipment requirements and a suitable practical technique with limited detail; ● provide a basic justification for the choice of research methods; and ● carry out a basic risk assessment. 	Using some relevant specialist terms, where appropriate, candidates: <ul style="list-style-type: none"> ● develop a satisfactory hypothesis, with scientific reasoning, as to the outcomes of the investigation; ● produce a satisfactory plan, using appropriate scientific knowledge; ● identify apparatus/equipment and an appropriate technique that will obtain a range of results; ● provide a satisfactory justification for the choice of research methods; and ● carry out a satisfactory risk assessment. 	Using a good range of specialist terms, where appropriate, candidates: <ul style="list-style-type: none"> ● develop a good hypothesis, with good scientific reasoning, as to the outcomes of the investigation; ● produce a detailed plan using a good level of scientific knowledge; ● identify equipment/apparatus and a practical technique that will produce accurate results; ● provide a good justification for the choice of research methods; and ● carry out a good risk assessment, including suggesting how to minimise risks. 	Using a wide range of specialist terms skilfully and with precision, where appropriate, candidates: <ul style="list-style-type: none"> ● develop a detailed hypothesis with detailed and scientific reasoning as to the outcomes of the investigation; ● produce a complex plan using a high level of detailed scientific knowledge; ● identify equipment/apparatus and more than one practical technique to produce a range of accurate results; ● provide a detailed justification for the choice of research methods; and ● carry out detailed risk assessment and identify how to minimise each risk and what to do in event of an incident.
Spelling, punctuation and grammar are used with some accuracy so that the meaning is sometimes clear.	Spelling, punctuation and grammar are used with reasonable accuracy so that the meaning is reasonably clear.	Spelling, punctuation and grammar are used with considerable accuracy so that the meaning is clear.	Spelling, punctuation and grammar are used with almost faultless accuracy so that the meaning is clear.
Award zero for work not worthy of credit.			
			Marks Total [24]

Data Collection (AO2) - amended to reflect adaptation on primary data collection (for Summer 2022 only)

Mark Band 1: [1–4]	Mark Band 2: [5–8]	Mark Band 3: [9–12]	Mark Band 4: [13–16]
At this level, candidates may require considerable support and guidance.	At this level, candidates may require some support and guidance.	At this level, candidates may require only minimal support and guidance.	At this level, candidates may require no guidance.
<p>Candidates may:</p> <ul style="list-style-type: none"> • show limited understanding of health and safety issues; and • record limited data that may not be accurate. 	<p>Candidates may:</p> <ul style="list-style-type: none"> • demonstrate satisfactory understanding of health and safety issues; and • record a satisfactory number of measurements and/or observations of variable quality. 	<p>Candidates may:</p> <ul style="list-style-type: none"> • demonstrate a good understanding of health and safety issues including at times identifying potential risks and taking appropriate precautions; and • record a complete set of measurements and/or observations using appropriate precision. 	<p>Candidates may:</p> <ul style="list-style-type: none"> • demonstrate a high level of understanding of health and safety issues including identifying potential risks and taking appropriate precautions; and • record a complete set of accurate measurements and/or observations using a high degree of precision.
Award zero for work not worthy of credit.			
			Marks Total [16]

Analysis and Conclusions (AO2; A03)

Mark Band 1: [1–3] At this level, candidates may require considerable support and guidance.	Mark Band 2: [4–6] At this level, candidates may require some support and guidance.	Mark Band 3: [7–9] At this level, candidates may only require minimal support and guidance.	Mark Band 4: [10–12] At this level, candidates may require no guidance.
Making little or no use of relevant specialist terms, where appropriate, candidates: <ul style="list-style-type: none"> ● produce a basic set of results presented in a table and identify a trend in their results; ● use a simple graph/chart to display data; and ● produce a basic conclusion that may not be linked to the data or hypothesis. Spelling, punctuation and grammar are used with some accuracy so that the meaning is sometimes clear.	Using some relevant specialist terms, where appropriate, candidates: <ul style="list-style-type: none"> ● produce a satisfactory set of results presented in an appropriate table and identify at least one trend in their results; ● use an appropriate graph/chart, with labelled axes, to display the data obtained; and ● produce a conclusion that is linked to the data or hypothesis. Spelling, punctuation and grammar are used with reasonable accuracy so that the meaning is reasonably clear.	Using a good range of specialist terms, where appropriate, candidates: <ul style="list-style-type: none"> ● produce an accurate set of results presented in a table with appropriate headings and units and use of one form of mathematical technique to process the data and identify appropriate trends in their results; ● use a graph/chart with labelled axes, units and headings to display data; and ● produce a good conclusion linked to the data and hypothesis. Spelling, punctuation and grammar are used with considerable accuracy so that the meaning is clear.	Using a wide range of specialist terms skilfully and with precision, where appropriate, candidates: <ul style="list-style-type: none"> ● produce a comprehensive and accurate set of results presented in a table with appropriate headings and units and use more than one mathematical technique to process the data and identify trends in their results; ● use a range of graphs to display data, using appropriately labelled axes, units and headings; and ● produce detailed conclusions with reference to relevant data and hypothesis. Spelling, punctuation and grammar are used with almost faultless accuracy so that the meaning is clear.
Award zero for work not worthy of credit.			
Marks Total [12]			

Evaluation (AO1; A03)

Mark Band 1: [1–2] At this level, candidates may require considerable support and guidance.	Mark Band 2: [3–4] At this level, candidates may require some support and guidance.	Mark Band 3: [5–6] At this level, candidates may require only minimal support and guidance.	Mark Band 4: [7–8] At this level, candidates may require no guidance.
<p>Making little or no use of relevant specialist terms, where appropriate, candidates:</p> <ul style="list-style-type: none"> • provide a brief evaluation of the investigation, making limited or no reference to the reliability of the results; • give a simple suggestion as to how they could improve the methodology; and • give a basic suggestion for further research that may be relevant to the investigation. <p>Spelling, punctuation and grammar are used with some accuracy so that the meaning is sometimes clear.</p>	<p>Using some relevant specialist terms, where appropriate, candidates:</p> <ul style="list-style-type: none"> • provide a brief evaluation of the investigation, including some reference to the reliability of the results; • give a suggestion as to how they could improve the methodology; and • give an appropriate suggestion for further research that is relevant to the investigation. <p>Spelling, punctuation and grammar are used with reasonable accuracy so that the meaning is reasonably clear.</p>	<p>Using a good range of specialist terms, where appropriate, candidates:</p> <ul style="list-style-type: none"> • provide an evaluation that considers the processes, techniques and risk assessment used and identify anomalous results and consider the reliability of the data obtained; • provide relevant suggestions as to how they could improve the methodology; and • give suggestions for further research that are relevant to their investigation. <p>Spelling, punctuation and grammar are used with considerable accuracy so that the meaning is clear.</p>	<p>Using a wide range of specialist terms skilfully and with precision, where appropriate, candidates:</p> <ul style="list-style-type: none"> • provide a detailed and thorough evaluation of the processes, techniques and risk assessment used, giving in depth consideration to the reliability and validity of the data produced and details of any anomalous results; • provide detailed suggestions as to how they could improve the methodology; and • provide detailed suggestions for further research that are relevant to their investigation. <p>Spelling, punctuation and grammar are used with almost faultless accuracy so that the meaning is clear.</p>
Award zero for work not worthy of credit.			
			Marks Total [8]