

GCSE MARKING SCHEME

SUMMER 2022

GCSE (NEW) GEOGRAPHY - UNIT 3 NEA 3110U30-1

INTRODUCTION

This marking scheme was used by WJEC for the 2022 examination. It was finalised after detailed discussion at examiners' conferences by all the examiners involved in the assessment. The conference was held shortly after the paper was taken so that reference could be made to the full range of candidates' responses, with photocopied scripts forming the basis of discussion. The aim of the conference was to ensure that the marking scheme was interpreted and applied in the same way by all examiners.

It is hoped that this information will be of assistance to centres but it is recognised at the same time that, without the benefit of participation in the examiners' conference, teachers may have different views on certain matters of detail or interpretation.

WJEC regrets that it cannot enter into any discussion or correspondence about this marking scheme.

WJEC GCSE GEOGRAPHY - UNIT 3 NEA

SUMMER 2022 MARK SCHEME

Instructions for examiners of GCSE Geography when applying the marking scheme

1. Positive marking

It should be remembered that learners are writing under examination conditions and credit should be given for what the learner writes, rather than adopting the approach of penalising him/her for any omissions. It should be possible for a very good response to achieve full marks and a very poor one to achieve zero marks. Marks should not be deducted for a less than perfect answer if it satisfies the criteria of the mark scheme.

GCSE Geography marking schemes are presented in a common format as shown below:

The columns to the right indicate the This box contains the assessment objective(s) targeted by sub-question. the question and its mark tariff. 3 (a) (i) Describe the location of the island of Lefkada. SPAG A01.2 A02 Total A03 2 2 Credit up to two valid In western Greece (1) In Ionian statements based on map Sea (1) north of Cephalonia (1) evidence. 275km (+/-10) from Athens (1) 280km (+/-10) from Thesaloniki Credit accurate use of compass points max 1. (1) Credit accurate use of scale line max 1.

This box contains the rationale i.e. it explains the principles that must be applied when marking each subquestion. The examiner must apply this rationale when applying the marking scheme to the response.

This box contains the candidates' expected responses for point-based marking. For some sub-questions, those with a closed question, this box will indicate the only response that is acceptable. For more open ended sub-questions this box will illustrate a number of likely responses that are credit worthy. It may be that this list will be extended at the examiner's conference after actual scripts have been read. For banded mark schemes this box contains indicative content. For further details see below under Banded mark schemes Stage 2.

2. Tick marking

Low tariff questions should be marked using a points-based system. Each credit worthy response should be ticked in red pen. The number of ticks **must** equal the mark awarded for the sub-question. The mark scheme should be applied precisely using the expected outcomes box as a guide to the responses that are acceptable. Do **not** use crosses to indicate answers that are incorrect. If the learner has not attempted the question then the examiner should strike through the available dotted lines with a diagonal line.

3. Banded mark schemes

Banded mark schemes are divided so that each band has a relevant descriptor. The descriptor for the band provides a description of the performance level for that band. Each band contains a range of marks. Examiners should first read and annotate a learner's answer to pick out the evidence that is being assessed in that question. **Do not use ticks** on the learner's response. Once the annotation is complete, the mark scheme can be applied. This is done as a two stage process.

Stage 1 – Deciding on the band

When deciding on a band, the answer should be viewed holistically. Beginning at the lowest band, examiners should look at the learner's answer and check whether it matches the descriptor for that band. Examiners should look at the descriptor for that band and see if it matches the qualities shown in the learner's answer. If the descriptor at the lowest band is satisfied, examiners should move up to the next band and repeat this process for each band until the descriptor matches the answer.

If an answer covers different aspects of different bands within the mark scheme, a 'best fit' approach should be adopted to decide on the band and then the learner's response should be used to decide on the mark within the band. For instance if a response is mainly in band 2 but with a limited amount of band 3 content, the answer would be placed in band 2, but the mark awarded would be close to the top of band 2 as a result of the band 3 content.

Examiners should not seek to mark learners down as a result of small omissions in minor areas of an answer.

Stage 2 – Deciding on the mark

Once the band has been decided, examiners can then assign a mark. During standardising (marking conference), detailed advice from the Principal Examiner on the qualities of each mark band will be given. Examiners will then receive examples of answers in each mark band that have been awarded a mark by the Principal Examiner. Examiners should mark the examples and compare their marks with those of the Principal Examiner.

When marking, examiners can use these examples to decide whether a learner's response is of a superior, inferior or comparable standard to the example. Examiners are reminded of the need to revisit the answer as they apply the mark scheme in order to confirm that the band and the mark allocated is appropriate to the response provided.

Indicative content is also provided for banded mark schemes. Indicative content is not exhaustive, and any other valid points must be credited. In order to reach the highest bands of the mark scheme a learner need not cover all of the points mentioned in the indicative content but must meet the requirements of the highest mark band. Where a response is not creditworthy, that is contains nothing of any significance to the mark scheme, or where no response has been provided, no marks should be awarded.

4. Assessing Writing

The quality of writing is assessed through two separate strands:

- (i) Communicating and organising
- (ii) Writing accurately
- (i) Communicating and organising is assessed in items that have a tariff of 6, 8 or 10. These responses should be viewed holistically when deciding on a mark band (see stage 1 above). The definitions below clarify what is meant by the terminology in these descriptors.

Meaning: to have clarity the text must be legible. The meaning of statements should be clear and not require re-reading to make sense.

Purpose: the response should take into account what is required by the question. For example, evaluation requires consideration of pros/cons or the justification of a decision may be assisted by arguments. A suitable tone is adopted for reporting on scientific investigation in Unit 3.

Structure: well-planned responses have an overall structure with use of paragraphs to indicate portions of the response such as introduction, main arguments and conclusion. Chains of reasoning provide a logical structure within paragraphs. Signposting links sections together and is used to assist the reader.

(ii) Writing accurately takes into account the candidate's use of specialist language. It also takes into account the accuracy of the candidate's spelling, punctuation and grammar. This assessment is restricted to specific items (one item in each unit). The descriptors for writing accurately are printed in the mark scheme for each relevant item. In applying these descriptors learners may only receive marks for responses that are in the context of the demands of the question; that is, where learners have made a genuine attempt to answer the question.

SECTION A

(a) Give reasons for the choice of data collection method(s) when investigating change over time.	A01.2	A02	A03	Accuracy	Total
	4				4

Use the descriptors below, working upwards from the lowest band.

Award 0 marks if the answer is incorrect or wholly irrelevant.

Band	Marks	Descriptor
2	3-4	The response provides clear, detailed and specific reasons
1	1-2	Simple statement(s) that may not be specific reason(s)
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.

Answers that focus on sampling are limited to Band 1.

Examples of simple statements:

- We did a questionnaire so we know what people thought.
- We did a traffic count as we wanted to see where the most traffic was.
- So we had data to draw a graph
- So we had qualitative / quantitive data
- As it was easiest to do.

Methods could include;

- questionnaires
- pedestrian or traffic counts
- environmental surveys
- study of land-use maps

(b) (i) Select one set of data that you used when investigating change over time. Draw a table to show the data you have selected.				ıcy	
Draw a graph or map/diagram that best represents the data in your table.	A01.2	A02	A03	Accura	Total
			6		6

Band	Marks	Descriptor
3	5-6	All SAC components addressed. The response provided is the most appropriate method to represent the data selected
2	3-4	A minimum of two 'SAC' components addressed. The response is acceptable but may not be the most appropriate and accurate graph that represents information selected.
1	1-2	A minimum of one 'SAC' component addressed. Simple graph that may not be wholly accurate or appropriate for selected data.
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.

No table – the examiner cannot credit accuracy.

Graphs may include; Bar, line, pie, scatter with line of best fit, proportional arrows

Map to show change over time may include; pedestrian flows, overlays, land use maps

Use SAC

S – Suitable

A – Accurate

C - Complete

(b) (ii) Analyse the patterns or trends shown by the graph, map or diagram.	A01.2	A02	AO3	Accuracy	Total
		4			4

Award 0 marks if the answer is incorrect or wholly irrelevant.

Band	Marks	Descriptor
2	3-4	 Detailed analysis includes: accurate description of the trends and/or patterns by quantifying or qualifying them. elaborated links made to concept/theory or between data sets to acknowledge interrelationship.
1	1-2	Basic analysis includes:
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.

Analysis is about more than just describing. It is about making links and showing a correlation between different factors. This will involve accurate reference to data and graphs.

Analysis may take the form of a detailed description of the data followed by one or more of:

- application of understanding of geographical concept, process or theory
- Making meaningful links between data sets

(c) Evaluate the strengths and weaknesses of using secondary data when investigating change over time				ıcy	
The accuracy of your writing will be assessed in your answer to this question.	A01.2	A02	A03	Accura	Total
		6		4	10

Award 0 marks if the answer is incorrect or wholly irrelevant.

	1	I
Band	Marks	Descriptor
3	5-6	The response provides a clear and detailed evaluation of specific strength(s) and weakness(es) of secondary data used. Meaning is clear. The response
		has purpose and structure.
2	3-4	The response provides a clear evaluation with some relevant strength(s) and weakness(es) of qualitative techniques used (balance is not required). Meaning is generally clear. The response is structured.
1	1-2	The response provides a limited evaluation of secondary data. Meaning may lack clarity in parts. Statements are linked by a basic structure.
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.

Secondary data can be defined as information collected by someone other than the user.

Strengths may include;

- saves time and money
- accessibility, eg internet
- allows comparisons with many other locations
- allow studying areas not accessible for health and safety reasons
- reliable/accurate/professional data collection
- sophisticated equipment used
- large sample size

Weakness may include;

- reliability of source
- data may be old and out dated
- data may not be from the exact same location
- large data sets difficult to manipulate

After awarding a level and mark for the geographical response, apply the performance descriptors for writing accurately that follow. Having decided on a band, award a second mark (out of 4).

In applying these indicators, learners may only receive marks for responses that are in the context of the demands of the question; that is, where learners have made a genuine attempt to answer the question.

Band	Marks	Performance descriptions
High	4	 Learners spell and punctuate with consistent accuracy Learners use rules of grammar with effective control of meaning overall Learners use a wide range of specialist terms as appropriate
Intermediate	2-3	 Learners spell and punctuate with considerable accuracy Learners use rules of grammar with general control of meaning overall Learners use a good range of specialist terms as appropriate
Threshold	1	 Learners spell and punctuate with reasonable accuracy Learners use rules of grammar with some control of meaning and any errors do not significantly hinder meaning overall Learners use a limited range of specialist terms as appropriate
	0	 The learner writes nothing The learner's response does not relate to the question The learner's achievement in writing accurately does not reach the threshold performance level, for example errors in spelling, punctuation and grammar severely hinder meaning

End of Section A

SECTION B

2. (a) Give reasons for the choice of data collection method(s) when investigating sustainability.	A01.2	A02	A03	Accuracy	Total
	4				4

Use the descriptors below, working upwards from the lowest band.

Award 0 marks if the answer is incorrect or wholly irrelevant.

Band	Marks	Descriptor
2	3-4	The response provides clear, detailed and specific reasons
1	1-2	Simple statement(s) that may not be specific reason(s)
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.

Methods could include;

- questionnaires
- pedestrian or traffic counts
- environmental surveys
- study of land-use maps

(b) (i) Select one set of data that you used when investigating sustainability. Draw a table to show the data you have selected.				acy	
Draw a graph or map/diagram that best represents the data in your table.	A01.2	A02	AO3	Accura	Total
			6		6

Band	Marks	Descriptor	Graphs may include;
		All SAC components addressed.	Bar, line, pie, scatter v best fit, proportional a
3	5-6	The response provided is the most appropriate method to represent the data selected	Map to show change of include; pedestrian flo land use maps
2	3-4	A minimum of two 'SAC' components addressed. The response is acceptable but may not be the most appropriate and accurate graph that represents information selected.	Use SAC S – Suitable A – Accurate C - Complete
1	1-2	A minimum of one 'SAC' component addressed. Simple graph that may not be wholly accurate or appropriate for selected data.	
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.	

No table – the examiner cannot credit accuracy.

with line of arrows

over time may ows, overlays,

(b) (ii) Analyse the patterns or trends shown by the graph, map or diagram.	A01.2	A02	AO3	Accuracy	Total
		4			4

Award 0 marks if the answer is incorrect or wholly irrelevant.

Band	Marks	Descriptor		
2	3-4	 Detailed analysis includes: accurate description of the trends and/or patterns by quantifying or qualifying them. elaborated links made to concept/theory or between data sets to acknowledge interrelationship. 		
1	1-2	Basic analysis includes: some description of trend or pattern. simple links to concept/theory or connections between data sets.		
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.		

Analysis is about more than just describing. It is about making links and showing a correlation between different factors. This will involve accurate reference to data and graphs.

Analysis may take the form of a detailed description of the data followed by one or more of:

- application of understanding of geographical concept, process or theory
- Making meaningful links between data sets

(c) Evaluate the strengths and weaknesses of using secondary data when investigating sustainability.				acy	
The accuracy of your writing will be assessed in your answer to this question.	A01.2	A02	A03	Accura	Total
		6		4	10

Award 0 marks if the answer is incorrect or wholly irrelevant.

Band	Marks	Descriptor
3	5-6	The response provides a clear and detailed evaluation of specific strength(s) and weakness(es) of secondary data used.
		Meaning is clear. The response has purpose and structure.
2	3-4	The response provides a clear evaluation with some relevant strength(s) and weakness(es) of qualitative techniques used (balance is not required). Meaning is generally clear. The response is structured.
1	1-2	The response provides a general evaluation of secondary data. Meaning may lack clarity in parts. Statements are linked by a basic structure.
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.

Secondary data can be defined as information collected by someone other than the user.

Strengths may include:

- saves time and money
- accessibility, eg internet
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Threshold	1	 Learners spell and punctuate with reasonable accuracy Learners use rules of grammar with some control of meaning and any errors do not significantly hinder meaning overall Learners use a limited range of specialist terms as appropriate
	0	 The learner writes nothing The learner's response does not relate to the question The learner's achievement in writing accurately does not reach the threshold performance level, for example errors in spelling, punctuation and grammar severely hinder meaning

End of Section B

3110U30-1 WJEC GCSE Geography - Unit 3 NEA MS S22/CB