

Pearson BTEC Sample Set Assignment Brief

Single Part Assessment

Unit 5 – Operational and Environmental Activities in Land-based Enterprises

For use with:

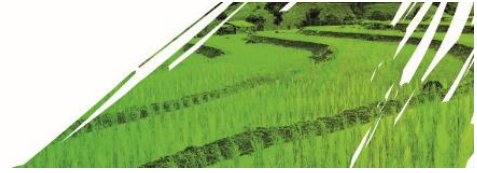
Pearson International BTEC Level 3 qualifications in Agriculture/Horticulture

Diploma / Extended Diploma

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| Advised hours | 13 hours |
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For completion by the centre

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| Qualification (select as appropriate) | Diploma / Extended Diploma |
| Assessment date | |



Instructions to Teachers/Tutors and/or Invigilators

The Pearson Set Assignment will be assessed internally by the centre using the unit Assessment Criteria detailed in the qualification specification. The assignment will be sampled by the Standards Verifier as part of the standards verification annual centre visit.

Conditions of supervision

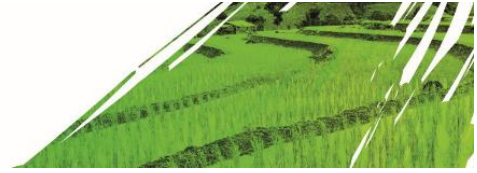
The Pearson Set Assignment should be undertaken in conditions that assure the authenticity of outcome. This may require supervision.

We advise that the Pearson Set Assignment be completed in sessions that come to a total of 13 hours. The Pearson Set Assignment should not be shared with learners prior to the start of the assessment period. Teachers/tutors are responsible for security of the Pearson Set Assignment and materials.

Outcomes for Submission

Learners may submit handwritten or word-processed evidence. Learners must save their work regularly and ensure that all materials can be identified as their work.

Learners must submit their own, independent work as detailed in the set assignment. Each learner must complete an authentication sheet.



Instructions to Learners

Read the Set Assignment carefully.

You will be asked to carry out specific activities using the information provided. You will be given a specific time period to complete the assignment.

At all times you must work independently and must not share your work with other learners. You must complete an authentication sheet and submit this along with your work.

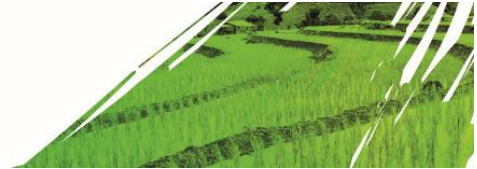
Set Assignment Information

Carmeline Vineyard is a small enterprise that grows several varieties of grapes over an area of 15 hectares. In normal years, the summer season is long, warm and dry, while winter has high rainfall. The full-time manager is assisted by one other person working on a part-time basis. Seasonal workers are employed during busy times in the production cycle.

The vineyard owner wants to establish a new vineyard of a minimum of 20 hectares, in the nearest suitable location to you.

They are hoping to minimise use of fertilisers and pesticides.

You have been asked to produce plans for the management of environmental and operational activities within and around the expanding enterprise.



Set Assignment

You must complete ALL activities.

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| ACTIVITY 1 |
| <p>You are required to independently research the land-based practices involved in establishing and running a vineyard in your chosen geographical area.</p> <p>Your research should include:</p> <ul style="list-style-type: none">• the suitability of local climates, soil types and environment• Developments in, and environmental impacts of, production practices• Environmental management methods• Regular operational activities in the working environment such as<ul style="list-style-type: none">○ Communication○ Health and safety○ Work plans○ Management of risks○ Specialist help○ Emergencies.• Current relevant legislation and safe working practices• Managing resources, people and performance. |

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| ACTIVITY 2 |
| <p>The vineyard manager has asked you to write a report on the potential challenges and opportunities involved in operating the enterprise and expanding into your chosen geographical area.</p> <p>Your report should include:</p> <ul style="list-style-type: none">• Information on the area you have chosen, such as climate, soil and environment• Developments in grape production practices• Environmental impacts of grape production practices• Environmental management methods• Regular operational activities and management skills in the working environment. |
| <p>This activity covers learning aims A and B. A. AP1, A.P2, A.M1, B. B.P3, B.P4, B.M2, AB.D1</p> |

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| ACTIVITY 3 |
| <p>The vineyard manager has asked to you produce and explain a plan which will assist them in expanding the enterprise in your chosen area.</p> <p>Your plan should cover:</p> <ul style="list-style-type: none">• Operational activities for people and resources• Responsible management of environmental impact• Safe working practices• Compliance with current relevant legislation• Reviewing effectiveness of planning. |
| <p>This activity covers learning aims C. C. CP5, C.M3, C.D2</p> |