

T Level Technical Qualification in Agriculture, Land Management and Production

Employer-Set Project for Livestock Core Pathway (Level 3)

Employer-Set Project Tasks (Sample)

September 2023 Version 2.1

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Task 1 – Research

You have been asked by the farm manager to research the expansion of each existing livestock enterprise onto a new piece of land that Manor Farm has acquired.

- a) Create an action plan for your research using the template provided. This should include:
 - goals/objectives of the research
 - topics to be researched
 - planned resources/sources of information
 - search criteria to be used
 - timeline (how long you plan to spend on each goal/objective).
- b) Conduct the research and prepare your research notes:
 - research notes – up to four sides of A4 (can include screenshots/pictures/diagrams)
 - list of references.

Your research should cover:

- legislation and health and safety requirements relating to the livestock enterprises
- feed requirements
- accommodation requirements if applicable to the livestock enterprise
- day-to-day husbandry requirements
- types of costs required for the livestock enterprise expansion over the next three years, including labour requirements, livestock husbandry requirements
- impacts of biosecurity and sustainability, and the environmental impact.

You will need to use the findings from your research notes when completing subsequent tasks. You must ensure your findings are clear and usable for you to use as you move through the assessment.

Timing of assessment

- You will have **six hours** to create the action plan and carry out the research, and produce your research notes and a list of references.

Conditions of assessment

- Your research action plan, research notes and list of references should be completed working alone under supervised conditions.
- You will have access to the project brief and internet **only** to conduct your research.
- Your research action plan, research notes and list of references should be completed digitally.

What you must submit on completion of this task

- Research action plan (up to two sides of A4)
- Research notes:
 - up to four sides of A4
 - text to be Arial font, size 12
 - standard line spacing and borders
 - page numbered
- List of references
- Files saved securely (eg electronically in a secure location or on a memory stick to be handed in)

Additional evidence of your performance that will be captured for marking

- N/A

Marks available

- 12

Task 2 – Report

Using the findings of your research in Task 1, the farm manager has asked you to analyse your research and produce a written report. The report should outline your findings and recommend the expansion of **two** livestock enterprises onto a new piece of land that Manor Farm has acquired.

With reference to your research, you should consider:

- a detailed outline of your research findings
- your **two** recommended livestock enterprises for expansion
- how you have considered legislation, health and safety, biosecurity, sustainability and environmental impact
- why your **two** chosen livestock enterprises are the most suitable for the project
- how you have considered the costs required for the livestock enterprise expansion over the next three years, including labour requirements and livestock husbandry requirements.

Timing of assessment

- You will have **four hours** to complete your written report.

Conditions of assessment

- Your written report should be completed working alone under supervised conditions.
- You will **not** have access to the internet for the completion of this task.
- You will have access to the project brief and copies of your responses to the previous task (for review purposes only).

What you must submit on completion of this task

- Written report (typically 2,000 words) – hard copy or file saved securely, eg electronically in a secure location or on a memory stick to be handed in.

Additional evidence of your performance that will be captured for marking

- N/A

Marks available

- 27

Task 3 – Plan

You have been asked to produce an implementation plan for Manor Farm, which details your chosen livestock enterprise expansions for the next three years from Task 2.

You may refer to the site map for this task.

- a) Your implementation plan should include:
- the order of tasks needed to implement and run each livestock enterprise
 - who will be involved with each process
 - requirements for staff, including any amendments to current responsibilities, training and health and safety
 - resources required for the implementation and running of your chosen livestock enterprises
 - type and amount of feed required
 - stock management
 - day-to-day husbandry requirements.

You must complete your implementation plan using digital software.

- b) You must also provide a supporting statement to justify why your plan is the best way to implement and run your chosen livestock enterprise expansion.

Timing of assessment

- You will have **four hours** to complete your implementation plan and supporting statement

Conditions of assessment

- Your implementation plan and supporting statement should be completed working alone under supervised conditions.
- You will have access to software required to create the implementation plan (eg word-processing software, spreadsheets etc).
- You will have access to the project brief and copies of your responses to the previous tasks (for review purposes only).
- You will **not** have access to the internet for the completion of this task.

What you must submit on completion of this task

- Implementation plan (typically two sides of A4, including any extracts from other software used, eg spreadsheets, tables, charts) – files saved securely (eg electronically in a secure location or on a memory stick to be handed in).
- Supporting statement (typically 1,000 words) – copy of file saved securely (eg in a secure online location or on a memory stick to be handed in).

Additional evidence of your performance that will be captured for marking

- N/A

Marks available

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Task 4 – Peer review

You must now explain your recommended livestock enterprises for the expansion project on Manor Farm to the farm manager and two of your peers to gain feedback. You will be asked to reflect on and evaluate this feedback in Task 5.

The tutor will set up the groups and make sure that you have access to copies of your written report. The tutor will take on the role of farm manager for this task.

- a) Familiarise yourself with your recommended livestock enterprises from the report you produced in Task 2.
- b) Explain your recommended livestock enterprises to the group, including detail on:
 - why your chosen livestock enterprises are the most suitable for the project
 - cost considerations of the labour requirements and husbandry requirements on the expansion project.
- c) Peer reviewers will now have time to reflect on your recommended livestock enterprises.
- d) Discuss feedback and answer questions from the group on your chosen enterprises project and record the feedback on the candidate feedback form.
- e) Peer reviewers will now complete the peer review feedback form and submit it to the tutor.

Timing of assessment.

The time allocated for this task is **1 hour**. This is broken down for the above tasks below:

- 15 minutes to read the task and familiarise yourself with the details of your report from Task 2.
- 10 minutes to explain your recommended livestock enterprise.
- 10 minutes for the peer review group to reflect on your recommended livestock enterprise, before providing feedback.
- 15 minutes for the peer review group to discuss your recommended livestock enterprise with you and ask you questions.
- 10 minutes for the peer review group to provide collective feedback on the peer review form to submit to the tutor for approval.

Conditions of assessment

- The task must be supervised at all times.
- You must use the candidate feedback form to make any notes and record any feedback to questions asked as part of the discussion. The peer group will also provide you with a peer review form with feedback, which will have been checked for appropriateness by the tutor before being shared
- You will have access to copies of your response from Task 2 for review purposes only.
- You will **not** have access to the internet for the completion of this task.

For parts a), b) and d) **you** must:

- proactively participate in the discussion
- seek any clarity in the feedback given and be prepared to ask questions
- record any feedback notes on the feedback record form provided.

For parts c), d) and e) **peer reviewers** must:

- proactively engage in the discussion
- respond constructively and fairly
- ensure the peer review feedback form is completed fully and handed to the tutor.

What you must submit on completion of this task

- Candidate feedback form to be completed by the candidate.

Additional evidence of your performance that will be captured for marking

- Peer review form to be completed by the peer review group. Only one peer review form needs to be completed per group.

Marks available

- N/A

Task 5 – Evaluate and present

You must prepare and deliver a ten-minute presentation reflecting on your recommended livestock enterprise expansion project. You may use the feedback and your reflections from Task 4 as part of the presentation using the following forms:

- peer review form
- candidate feedback form.

Your presentation should include the following:

- the reasons for discounting the other livestock enterprises and how well your two chosen livestock enterprise expansions from Task 2 met the requirements of the brief, taking into account the feedback from Task 4
- how well your implementation plan from Task 3 met the requirements of the brief
- justifications for any improvements or adaptations required to your implementation plan, including what you would do differently next time
- any challenges presented by the brief and how these have been overcome.

You must complete and present your presentation using digital software.

You will deliver the presentation to your tutor who will take on the role of the farm manager and will ask you questions after you have completed your presentation.

Timing of assessment

- You will have **two hours** to prepare and deliver the presentation:
 - 1 hour 40 minutes to prepare the presentation
 - 10 minutes presentation time (+/- 10%)
 - up to 10 minutes following the presentation for questions and answers.

Conditions of assessment

- Your presentation should be developed and presented working alone under supervised conditions.
- You will have access to the project brief and copies of your responses to the previous tasks for review purposes only, as well as the candidate feedback form and completed peer review form from Task 4.
- You will have access to digital technology, eg PowerPoint, to complete and present your presentation and may select any appropriate format.
- You will **not** have access to the internet for the completion of this task
- The presentation and questions and answers will be video recorded for marking.

What you must submit on completion of this task

- Presentation materials, eg slides, handouts etc, hard copy or digital file saved securely (For example, electronically in a secure online location or on a memory stick to be handed in).

Additional evidence of your performance that will be captured for marking

- Video recording of presentation and questions and answers.

Marks available

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Research action plan template

Candidate name	Candidate number
Centre name	Centre number

Goals/Objectives	Topic	Resources/Sources of information	Search criteria	Timeline

Peer review form

Candidate name	Candidate number
Centre name	Centre number
Peer review name(s)	

Questions for reviewers to consider:	Feedback
How well does the chosen livestock enterprise expansion meet the requirements of the project?	
How well have the costs been considered for the labour requirements and husbandry requirements on the expansion project?	

Candidate feedback form

Candidate name	Candidate number
Centre name	Centre number

Candidate's notes

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