

# **T Level Technical Qualification in Animal Care and Management: Animal Management and Behaviour Occupational Specialism (Level 3)**

**Research Project**  
**SAMPLE Candidate Pack**

September 2024 v1.1

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# 1. Assessment

This assessment is for the Animal Management and Behaviour Occupational Specialism component of the Animal Care and Management Technical Qualification. This pack consists of a research project assignment brief, that you will need to use to complete your assessment tasks.

## Performance outcomes

The weighting for this assessment will remain the same for every version of the research project. This ensures the appropriate depth and breadth of knowledge and skills for each specialism can be reliably assessed in every version and meets the needs of industry while keeping comparability between each assessment over time. The research project marks contribute 25% towards the overall occupational specialism grade and the following performance outcome is covered within this assessment:

Performance outcome	Typical knowledge and skills
<b>PO4:</b> Provide information researched on an animal to promote animal welfare and conservation	Develop the knowledge and skills to plan, research and present research on promoting animal welfare and conservation. Develop the knowledge needed for planning research and assessing sources for validity and reliability during research. Apply skills relevant to carrying out research and presenting it to targeted audiences.

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## Assessment Overview

You will be assessed against a number of tasks. This research project has a total of 27 marks. The table below shows the weighting of the marks for each of the tasks. You will be assessed against these tasks which align with the performance outcome.

Performance outcome (PO)	Tasks	Marks per task	Task weightings	Marks per PO
PO4 Provide information researched on an animal to promote animal welfare and conservation.	1 Planning and researching	12	33%*	36
	2 Research report	15	42%*	
	3 Presentation	9	25%*	
<b>Totals</b>		<b>36</b>	<b>100%</b>	<b>36</b>

\*task weightings rounded to nearest whole number.

## 2. Candidate guidance

### General guidance

This is a formal assessment that you will be marked and graded on. You will be marked on the quality and accuracy of the work you produce. It is therefore important that you carry out your work to the highest standard you can.

### Plagiarism

Plagiarism is the failure to acknowledge sources properly and/or the submission of another person's work as if it were your own. Plagiarism is not allowed in this assignment.

This research project is an assessment of your abilities, so the work submitted must be all your own and carried out under the conditions stated. You will be asked to sign a declaration that you have not had any help with the assignment. Your tutor is allowed to give you some help understanding the instructions, if necessary, but they will record any other guidance you need, and this will be taken into account during marking.

Where research is allowed, your tutor must be able to identify which work you have done yourself, and what you have found from other sources. It is therefore important to make sure you acknowledge sources used and clearly reference any information taken from them (e.g. providing as a minimum a list of web addresses/book/articles etc used).

### Timings and planning

You are advised to study the details of the assessment before starting.

You should check with your tutor that you have all the relevant materials, equipment and information/data sources that you need before starting the assessment.

You should take care when planning to make sure you have divided the time available between parts of the assignment tasks appropriately. Timings for tasks are provided within this pack to support with planning and time allocation.

Any requested changes to deadlines must be agreed by both your tutor and City & Guilds.

### Word counts

Typical word counts/page lengths of evidence are provided within the requirements of each task. Where word counts/page lengths have been provided, these are given as an indicative guide only to support you to understand the type of response that is expected from you. You will not be penalised as part of the marking if your response is below or above the indicative word count provided; however, you should consider the clarity and succinctness of your response if it goes above the word count/page length.

The number of pages indicated for research notes is a mandatory requirement. You should add page numbers to your research notes and your tutor should only submit the indicated number of pages of research notes. Additional pages of research notes will not be accepted.

## Presentation of work

Presentation of work must be neat, legible and appropriate to the task, and evidence required for submission.

You should make sure that each piece of evidence including any forms are clearly labelled with your name and the project reference.

All electronic files must be given a clear file name that allows your tutor to identify it as your work.

Written work may be word-processed or handwritten unless stated otherwise.

Any screenshots used within research notes should be clear and legible.

When producing written work electronically, you should use font size 12 and singular line spacing.

Any sketches and drawings should be neat, tidy and annotated.

Calculations should be set out clearly, with all working shown, as well as any assumptions made. You should use appropriate units at all times, consistent with the requirements of the assignment.

## Instructions for this assignment

Ensure you read all the provided assessment information issued by the tutor.

You must work independently and not share your work with any other candidates in these supervised assessment sessions.

Your work will be kept secure during any supervised breaks that are taken.

Internet access is **not** allowed, unless otherwise stated in the task.

You must complete all the tasks and present all evidence that is detailed in each task.

This assessment booklet contains the assignment brief.

The tasks have been separated into individual documents which will be handed to you at the start of each task.

## Within each task you will find the following:

- **Conditions of assessment:** This will tell you the duration and rules you must follow when completing a task.
- **Controlled conditions:** This will tell you the rules you must follow when completing each task e.g. You must not share or discuss your work with other candidates.
- **What must be produced for marking:** This describes the evidence you must submit when the task is completed. Be aware failure to submit any evidence requested can adversely affect your overall mark for the assessment.
- **Additional evidence for this task:** This describes other forms of evidence that will be collected by the tutor to support the marking of your performance. This will often include but not limited to photographic and video evidence.



### 3. Assignment brief

You work as a Zookeeper at Guilds Zoo.

Guilds Zoo are considering supporting a Sumatran tiger conservation project.

You have been asked by your employer to produce a written report and presentation that you will deliver to a member of the Education Team at Guilds Zoo to allow them to understand the impacts of two conservation projects on the Sumatran tiger. The following conservation projects will form the focus of your research, written report and presentation on:

- Restori Ekosistem Riau (RER)
- ZSL Kelola Sendang project

Additionally, as part of your written report you will evaluate the effectiveness of both of the conservation projects for the Sumatran tiger.

Your research, presentation and conclusions will direct Guilds Zoo when deciding which of the two conservation projects to support.

Prior to your written report and presentation, you will carry out secondary research on the conservational needs and status of the Sumatran tiger. You will need to consider:

- the role and purpose of organisations and projects involved in the conservation of the Sumatran tiger
- natural history and adaptations of the Sumatran tiger
- legislation and frameworks impacting the two conservation projects
- conservation status of the Sumatran tiger and the justification for the technologies used to assess this
- population dynamics since the year 2000
- reasons for the change in population
- the impact of the two conservation projects
- the effectiveness of the methods and technologies the conservation projects use
- evaluation of the effectiveness of the two conservation projects for the Sumatran tiger

Your assignment contains **three** tasks in total and has a total time of **14 hours and 40 minutes**. Your tutor will release the tasks to you at the start of each supervised session; they will also provide you with your permitted resources for that task. You will **not** be permitted any additional notes, such as printed resources and textbooks, or access to the internet, unless otherwise stated in the task conditions for assessment.

## 4. Tasks

### Task 1 Planning and researching

In preparation for your presentation, you will need to produce a research proposal and a research action plan to carry out your research on the conservation and status of the Sumatran tiger.

The following conservation projects will form the focus of your research:

- Restori Ekosistem Riau (RER)
- ZSL Kelola Sendang project

Your research should cover the following topics:

- the role and purpose of organisations and projects involved in the conservation of the Sumatran tiger
- natural history and adaptations of the Sumatran tiger
- legislation and frameworks impacting the two conservation projects
- conservation status of the Sumatran tiger and the justification for the technologies used to assess this
- population dynamics since the year 2000
- reasons for the change in population
- the impact of the two conservation projects
- the effectiveness of the methods and technologies the conservation projects use
- evaluation of the effectiveness of the two conservation projects for the Sumatran tiger

#### Task 1a - Research proposal

Produce a written research proposal for your research project which includes the following headings:

- aims and objectives of the research
- sources of information and their suitability
- techniques to analyse and interpret information and data (including mathematical diagrams/charts).

#### Task 1b – Research action plan

Produce a research action plan for your research project using the research action plan template provided (Figure 1):

- topics to be researched
- sources of information
- search criteria
- the timelines for completion (how long you plan to spend on each topic to be researched).

### **Task 1c – Research.**

Using your research proposal from Task 1a and the research action plan from Task 1b, you will now carry out your research on the conservational needs and status of the Sumatran tiger. Your research will focus on two conservation projects: Restori Ekosistem Riau (RER) and ZSL Kelola Sendang project.

You will prepare research notes including:

- research notes – up to four sides of A4 (can include screenshots/pictures/diagrams)
- list of references.

**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.**

### **Resources:**

#### **Task 1a:**

- digital equipment with **no** internet access

#### **Task 1b:**

- digital equipment with **no** internet access
- research proposal from task 1a
- research action plan template (Figure 1).

#### **Task 1c:**

- digital equipment **with** internet access.

### **Conditions of assessment:**

- the time allocated for this task is 8 hours and 30 minutes
  - Task 1a – 1 hour and 30 minutes
  - Task 1b – 1 hour
  - Task 1c – 6 hours.
- you must carry out the task on your own, under **controlled conditions**.

### **Controlled conditions:**

- you must only work on tasks in the allocated times
- **use of the internet is permitted for Task 1c only**
- assessment evidence must be handed in at the end of each session for secure storage
- you are not permitted to bring any additional materials into the assessment session
- you must not share or discuss your work with other candidates.

## **What must be produced for marking:**

### **Task 1a**

- research proposal in an appropriate digital format to be submitted to the tutor (typically 750 words):
  - page numbered.

### **Task 1b**

- research action plan template for the research project
  - page numbered
  - up to two sides of A4.

### **Task 1c**

- N/A

## **Additional evidence for this task:**

### **Task 1c**

- research notes (up to four sides of A4) which can include screenshots/pictures/diagrams. Screenshots should be clear and legible:
  - text to be Arial font, size 12
  - standard line spacing and borders
  - page numbered
  - file saved securely (e.g. electronically in a secure location or on memory stick to be handed in)
  - additional pages will not be accepted.
- list of references.

## Task 2 Research report

Using your research notes from Task 1c, you must analyse your research and produce a written report which should include:

- title and introduction
- discussion of research findings into the conservation and status of the Sumatran tiger to include:
  - the role and purpose of organisations and projects involved in the conservation of the Sumatran tiger
  - natural history and adaptations of the Sumatran tiger
  - legislation and frameworks impacting the two conservation projects
  - conservation status of the Sumatran tiger and the justification for the technologies used to assess this
  - population dynamics since the year 2000
  - reasons for the change in population
  - the impact of the two conservation projects
  - the effectiveness of the methods and technologies the conservation projects use
  - evaluation of the effectiveness of the two conservation projects for the Sumatran tiger
- conclusion deciding which one of the two conservation projects to support
- list of references.

### Resources:

#### Task 2:

- digital equipment with **no** internet access
- research proposal from Task 1a
- research action plan from Task 1b
- research notes from Task 1c.

### Conditions of assessment:

- the time allocated for this task is 4 hours
- you must carry out the task on your own, under **controlled conditions**.

### Controlled conditions:

- you must only work on tasks in the allocated times
- access to the internet is **not** permitted for this task
- assessment evidence must be handed in at the end of each session for secure storage
- you are not permitted to bring any additional materials into the assessment session
- you must not share or discuss your work with other candidates.

### What must be produced for marking:

- research report (typically 2000 words) hard copy or file saved securely e.g. electronically in a secure location or on memory stick to be handed in.

### Additional evidence for this task:

- N/A

## Task 3 Presentation

You are now required to create and deliver a digital presentation. The presentation should be aimed at the education team at Guilds Zoo.

### Task 3a - Digital presentation

Create a digital presentation which summarises your findings from your written report in Task 2. As part of your presentation you should consider the audience and structure to include the following:

- title
- aims and objectives
- review of findings
- conclusions including your recommended conservation project Guilds Zoo should consider supporting

### Task 3b - Delivery of presentation

Deliver a 10-minute oral presentation to a member of the Education Team from Guilds Zoo.

As part of the delivery of your presentation you should consider:

- target audience
- time keeping
- clarity of information

### Resources:

#### Task 3a:

- digital equipment with **no** internet access
- research proposal from Task 1a
- research action plan from Task 1b
- research report from Task 2.

#### Task 3b:

- digital equipment
- digital presentation from Task 3a.

### Conditions of assessment:

- the time allocated for this task is 2 hours 10 minutes:
  - Task 3a – 2 hours
  - Task 3b – 10 minutes
- you must carry out the task on your own, under **controlled conditions**.

### Controlled conditions:

- you must only work on tasks in the allocated times
- assessment evidence must be handed in at the end of each session for secure storage
- you are not permitted to bring any additional materials into the assessment session
- you must not share or discuss your work with other candidates

- you will have access to digital technology to complete the presentation and may select any appropriate format
- you will **not** have access to the internet for the completion of this task.

**What must be produced for marking:**

- digital presentation.

**Additional evidence for this task:**

- video of the presentation.





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