



SEG Awards Level 3 Diploma in Zookeeping

England - 610/3324/8



About Us

At Skills and Education Group Awards we continually invest in high quality qualifications, assessments and services for our chosen sectors. As a UK leading sector specialist, we continue to support employers and skills providers to enable individuals to achieve the skills and knowledge needed to raise professional standards across our sectors.

Skills and Education Group Awards has an on-line registration system to help customers register learners on its qualifications, units and exams. In addition, it provides features to view exam results, invoices, mark sheets and other information about learners already registered.

The system is accessed via a web browser by connecting to our secure website using a username and password:

Skills and Education Group Awards Secure Login

Sources of Additional Information

Skills and Education Group Awards website www.skillsandeducationgroupawards.co.uk provides access to a wide variety of information.

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Specification Code

The specification code is D9243-03.

Issue	Date	Details of change
1.0	06 October 2023	New qualification guide



This guide should be read in conjunction with the Indicative Content document which is available on our secure website using the link above.



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This is a live document and as such will be updated when required. It is the responsibility of the approved centre to ensure the most up-to-date version of the Qualification Guide is in use. Any amendments will be published on our website and centres are encouraged to check this site regularly.

Introduction

The SEG Awards Level 3 Diploma in Zookeeping has been designed to develop knowledge and skills to become a Zookeeper.

Pre-requisites

There are no entry requirements for this qualification, however, learners should be working to at least a Level 2.

Skills and Education Group Awards expects approved centres to recruit with integrity on the basis of a trainee's ability to contribute to and successfully complete all the requirements of a unit(s) or the full qualification.

Qualification Structure and Rules of Combination

Rules of Combination: Level 3 Diploma in Zookeeping

Learners must achieve 37 credits. All credits must come from the mandatory units.

Unit	Unit Number	Level	Credit Value	GL
Mandatory Group Min Credit Ta	rget - 37			
Zoos in History	F/650/8777	3	3	24
Zoological Conservation	H/650/8778	3	3	24
Zoo Enclosure Design and Improvement	J/650/8779	3	3	24
Legislation in Zoos	M/650/8780	3	5	45
Education in Zoos	R/650/8781	3	3	25
The Role of the Media in Zoos	T/650/8782	3	3	25
Zoo Animal Nutrition	Y/650/8783	3	2	15
Zoo Animal Management	A/650/8784	3	4	30



Zoo Animal Health	D/650/8785	3	2	15
Zoo Animal Enrichment	F/650/8786	3	2	20
Stress in Zoo Animals	H/650/8787	3	3	20
Animals in Captivity	J/650/8788	3	4	30

Aim

The SEG Awards Level 3 Diploma in Zookeeping has been designed to provide learners with the knowledge required to begin a career in zookeeping, or to provide a formal qualification to those already working as a Zookeeper.

Target Group

The SEG Awards Level 3 Diploma for Zookeeping is designed for learners over the age of 16, who are looking to become a Zookeeper or already working in a zoo, wildlife park or animal collection.

Assessment

Internal assessment, internal and external moderation. Specific requirements and restrictions may apply to individual units within qualifications. Please check unit and qualification details for specific information.

Practice Assessment Material

Skills and Education Group Awards confirm that there is no practice material available for the SEG Awards Level 3 in Zookeeping.

Teaching Strategies and Learning Activities

Centres should adopt a delivery approach which supports the development of all individuals. The aims and aspirations of all the learners, including those with identified special needs or learning difficulties/disabilities, should be considered and appropriate support mechanisms put in place.



Progression Opportunities

Learners who achieve this qualification will then have the opportunity to gain employment in an animal related environment, progression to Higher Education in animal science, zoology or similar subjects.

Learners could also look to progress within various other regulated qualifications within the Animal Care sector that Skills and Education Group Awards offers, to expand on their knowledge and experience in animal care further.

Centres should be aware that Reasonable Adjustments, which may be permitted for assessment, may in some instances limit a learner's progression into the sector. Centres must, therefore, inform learners of any limits their learning difficulty may impose on future progression.

Tutor / Assessor Requirements

Skills and Education Group Awards require those involved in the teaching and assessment process to be suitably experienced and / or qualified. Assessors should also be trained and qualified to assess or be working towards appropriate qualifications.

Those responsible for Internal Quality Assurance (IQA) must be knowledgeable of the subject/occupational area to a suitable level to carry out accurate quality assurance practices and processes.

Language

This specification and associated assessment materials are in English only.



Qualification Summary

Qualification								
SEG Awards Level 3 Diploma in	Zookeepi	ng						
Qualification Purpose	Prepare for further learning or trainin and/or develop knowledge and/or skills in a subject area			ng				
Age Range	Pre 16 16-18 🗸 18+ 🗸 19+					✓		
Regulation	The abov by: • Of		•	ior	is are	re	gulate	ed
Assessment	• Poi	rtfc	olio of Ev	/ide	ence			
Type of Funding Available	See FaLA (Find a Learning Aim)							
Grading	Pass/Fail Only							
Operational Start Date	06/10/2023							
Review Date	06/10/2026							
Operational End Date								
Certification End Date								
Guided Learning (GL)	297							
Total Qualification Time (TQT)	370							
Credit Value	37							
Skills and Education Group Awards Sector	Animal Care							
Regulator Sector	3.3 - Anir science	ma	l care ar	nd '	veteri	na	ry	
Support from Trade Associations								



Unit Details

Zoos in History						
Unit Reference	F/650/8777					
Level	3					
Credit Value	3					
Guided Learning (GL)	24 hours					
Unit Summary	Learners will look back at how zoos operated historically and compare them to modern day zoos. This will enable learners to see how far animal welfare has come, and how to move practices forward to continue to improve the lives of zoo animals in captivity.					
Learning Outcomes (1 to 3)	Assessment Criteria (1.1 to 3.3)					
The learner will	The learner can					
Understand the development of zoos over time	 1.1 Explain the history of zoos in the UK and internationally 1.2 Describe the shift in keeping animals for entertainment in early zoos to animal conservation in modern day zoos 					
2. Know the roles of the modern zoo	2.1 Evaluate the way zoos provide education, entertainment, research facilities and conservation sites2.2 Analyse public views of the role of the modern zoo					
3. Understand modern zookeeping roles	 3.1 Describe the history of zookeeping 3.2 Compare early zookeeping roles and modern day zookeeping roles 3.3 Evaluate the ways in which modern day Zookeepers can assist in promoting the ethos of zoos 					



Zoological Conse	vatio	on		
Unit Reference	H/650/8778			
Level	3	3		
Credit Value	3			
Guided Learning (GL)	24 h	ours		
Unit Summary	Learners will evaluate conservation in zoos, including the ethics and welfare of keeping animals, breeding programmes, and the methods used both nationally and internationally to enhance the gene pool and protect animals from extinction.			
Learning Outcomes (1 to 2)	Assessment Criteria (1.1 to 2.3)			
The learner will		learner can		
Know different zoo conservation strategies	1.1	Evaluate the perception of zoo animal conservation to different groups of people		
	1.2	Describe in-situ and ex-situ conservation		
	1.3	Compare methods of conservation used by zoos		
	1.4	Explain the work of organisations linked to zoo conservation		
	1.5	Evaluate the suitability of conservation strategies currently used in zoos		
2. Understand the complexities of captive animal breeding programmes	2.1	Evaluate ethical breeding programmes for conservation within zoos		
F. 2 3	2.2	Explain the use of stud books and breeding programmes for zoo animals		
	2.3	Compare national and international breeding programmes in zoos		



Zoo Enclosure Design and Improvement					
Unit Reference	J/650/8779				
Level	3				
Credit Value	3				
Guided Learning (GL)	24 h	ours			
Unit Summary	Learners will be provided with information on the design and improvement of zoo animal enclosure improve and maintain welfare, bearin restrictions imposed in mind.				
Learning Outcomes (1 to 3)	(1.1	ssment Criteria to 3.3)			
1. Know the health and safety requirements for enclosure design	1.1	Describe health and safety considerations for zoo enclosure design			
	1.2	Explain the methods and importance of risk assessment in enclosure design			
	1.3	Describe Zookeeper and public safety considerations for enclosure design			
2. Understand zoo animal enclosure improvement	2.1	Explain reasons for enclosure improvement, including public perception			
	2.2	Describe methods used to assess and improve zoo animal enclosures			
	2.3	Describe the roles of organisations and legislation when improving zoo animal enclosures			
3. Know general zoo design	3.1	Evaluate considerations for zoo design			
	3.2	Analyse the impact of location, style and building restrictions on zoo design			
	3.3	Summarise advances in zoo design			



Legislation in Zoos						
Unit Reference	M/650/8780					
Level	3					
Credit Value	5					
Guided Learning (GL)	45 h	ours				
Unit Summary	Learners will learn about Legislation organisations involved in zoological collections and zoo animal care form large part of a Zookeeper's jurisdictic Learners will explore the impact that relevant Legislation and Organisation have upon the role of a Zookeeper in modern day zoo.					
Learning Outcomes (1 to 4)		ssment Criteria to 4.2)				
The learner will		earner can				
Know legislation related to zoos in the UK and Europe	1.1	Describe legislation relating to zoos in the UK and Europe Explain how local authorities impact upon the operation of zoos in the UK				
2. Know organisations related to zoos in the UK and Europe	2.1	Evaluate the role of organisations relating to zoos in the UK and Europe Explain the impact of legislation on the role of organisations in zoos				
Understand legislation and organisations related to aspects of zookeeping	3.1 3.2 3.3	Describe legislation that impacts upon the role of Zookeepers Evaluate how organisations can assist Zookeepers in their role Explain legislation affecting visitor interactions with animals, including limitations Evaluate policy development for Zookeepers and visitor interactions				



4. Understand legislative control of transporting zoo animals	4.1	Explain legislation involved in transporting animals between zoos
	4.2	Analyse the consequences of not complying with legislation of transporting zoo animals



Education in Zoos					
Unit Reference	R/650/8781				
Level	3				
Credit Value	3				
Guided Learning (GL)	25 h	ours			
Unit Summary	With education being an integral part of zookeeping, Learners will explore their role in providing and participating in education for the benefit of themselves and the wider community.				
Learning Outcomes (1 to 4)		ssment Criteria to 4.3)			
The learner will		learner can			
Know how to present information to others	1.1	Describe methods of providing information to different groups of people including the media, visitors of all ages and staff			
	1.2	Summarise key elements required in a presentation to others			
	1.3	Explain the reasons for internal and external presentations			
2. Understand design of zoo signage	2.1	Design a range of zoo signage			
	2.2	Explain the use of signage in a zoo			
3. Know the importance of zoos to current and future generations	3.1	Evaluate the importance of zoos to multi-generational visitors			
J ewerane	3.2	Explain the role of the education department in a zoo			
	3.3	Describe the importance of student-led research projects in zoos			
4. Understand collaborative working in zoos	4.1	Evaluate collaborative working in zoos			
	4.2	Explain challenges faced in collaborative working in zoos			



	4.3	Explain ways in which Zookeepers are involved in education and research projects
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The Role of the Media in Zoos			
Unit Reference	T/650/8782		
Level	3		
Credit Value	3		
Guided Learning (GL)	25 hc	ours	
Unit Summary	Learners will learn the skills on how to turn media coverage into a positive impact on zoos. It is important for Learners to understand how to deal with the media in a positive and impactful way whilst ensuring no confidential information is leaked.		
Learning Outcomes (1 to 3)	Assessment Criteria (1.1 to 3.2)		
The learner will	The I	earner can	
Know the advantages of the media to zoos	1.1	Describe how the media is valuable to zoos Explain reasons for the wider zoo team being made aware of media coverage	
2. Know the different forms of exposure of a zoo to the media	2.1	Explain how a zoo could be exposed to the media Describe the purpose of providing sound bites from the zoo to the media	
3. Understand how Zookeepers are involved with the media	3.1	Evaluate reasons where Zookeepers may be involved with the media Describe methods of dealing with	
		the media, including being a positive ambassador for the zoo	



Unit Reference	Y/650/8783	
Level	3	
Credit Value	2	
Guided Learning (GL)	15 h	ours
Unit Summary	Learners will understand the basics of animal nutrition and how it enables Zookeepers to provide accurate diets and correctly presented food to zoo animals and ensures their welfare and enrichment.	
Learning Outcomes	Assessment Criteria	
(1 to 3) The learner will	(1.1 to 3.2) The learner can	
Understand how to source information on zoo animal nutrition	1.1	Explain how to gather correct information on zoo animal nutrition
	1.2	Analyse the use of software in zoo animal diet provision
2. Know how to store and maintain animal feeds	2.1	Explain the role of the Zookeeper in food storage and preparation
	2.2	Explain correct food storage in zoos
	2.3	Evaluate the implications of incorrect food storage and preparation
3. Know the link between animal nutrition and health	3.1	Evaluate the links between zoo animal health, and feeding and nutrition
	3.2	Describe the impact of incorrect diet and feed provision on zoo animals



Zoo Animal Management			
Unit Reference	A/650/8784		
Level	3		
Credit Value	4		
Guided Learning (GL)	30 h	ours	
Unit Summary	Learners will understand how working as part of an effective team in a zoo is directly linked to the welfare of the animals within it. Learners will explore observation skills, record keeping and having a multi-disciplinary approach to zookeeping and animal welfare.		
Learning Outcomes		ssment Criteria	
(1 to 4) The learner will		to 4.3) Jearner can	
1. Understand the information required by Zookeepers to manage animals in a zoo	1.1	Describe information required to be able to manage zoo animals Explain the importance of Zookeepers gathering basic	
2. Know the importance of	2.1	information on zoo animal management Evaluate record keeping methods	
accurate record keeping in zoos	2.2	In zoos Describe the importance of relevant record keeping for appropriate zoo animal management	
	2.3	Describe the reporting of issues and concerns for appropriate zoo animal management	
3. Understand the skills required to observe animals in a zoo	3.1	Describe skills required to carry out detailed observations on zoo animals	
	3.2	Explain the importance of accurate observation skills	



		3.3	Evaluate the development of Zookeepers to improve observational skills
4.	Know the importance of teamwork in a zoo and as part of a wider multidisciplinary team	4.1	Explain the importance of working as part of a zoo team and as part of a wider multidisciplinary team
		4.2	Describe the role of a Zookeeper in a zoo team
		4.3	Evaluate the skills needed to effectively work as part of a zoo team



Zoo Animal Health				
Unit Reference	D/650/8785			
Level	3			
Credit Value	2			
Guided Learning (GL)	15 h	ours		
Unit Summary	Learners will look at the ways in which good and health is indicated in zoo animals – both physically and behaviourally, and the importance of prevention of diseases.			
Learning Outcomes (1 to 3)		ssment Criteria to 3.4)		
The learner will	The	learner can		
1. Know zoo animal diseases	1.1	Describe signs of good and ill health in zoo animals		
	1.2	Describe a range of diseases in zoo animals		
2. Understand the prevention of ill health in zoo animals	2.1	Evaluate methods used to prevent the spread of diseases in zoos		
	2.2	Describe bio-security in relation to prevention of disease		
3. Understand zoo animal behaviour in relation to good and ill health	3.1	Describe normal and abnormal behaviours seen in zoo animal		
good and in nearen	3.2	Explain the importance of promptly reporting abnormal behaviours or signs of illness seen in zoo animals		
	3.3	Describe how different illnesses present in terms of behaviour		
	3.4	Explain the importance of following veterinary instruction where disease or illness is suspected or present		



Unit Reference	F/65	F/650/8786	
Level	3		
Credit Value	2		
Guided Learning (GL)	20 h	ours	
Unit Summary	to prand to will keep with and heptilication with an and heptilication with an and heptilication with an analysis with an an analysis with a analysis wit	Learners will look at the different ways to provide enrichment to zoo animals, and the importance of doing so. Learner will know the issues that could occur with lack of enrichment being provided and how it is integral to the welfare and public's perception of the zoo.	
Learning Outcomes		essment Criteria to 3.4)	
(1 to 3) The learner will		learner can	
Know the reasons for provision of environment enrichment	1.1		
	1.2	Evaluate the reasons for providing enrichment to zoo animals	
	1.3	Analyse the impact on zoo animals of an environment without mental and physical stimulation	
Understand the benefits of environmental enrichmental		Evaluate the benefits of environmental enrichment	
	2.2	Explain the challenges of providing enrichment to animals in zoos	
	2.3	Assess the effectiveness of environmental enrichment on animals, zoo staff and visitors	
3. Know the use of animal training for enrichment	3.1	Explain how training is used as enrichment in zoos	
	3.2	Develop training plans for a range of animals in a zoo included resources necessary	
	3.3	Analyse the welfare improvements made when training zoo animals	



	3.4	Evaluate positive and negative reinforcement when training zoo animals
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Stress in Zoo Animals			
Unit Reference	H/650/8787		
Level	3		
Credit Value	3		
Guided Learning (GL)	20 h	ours	
Unit Summary	Stress can have a massive impact on the welfare of animals in a zoo. This unit looks at reasons for stress in animals and how to minimise exposure to stress to ultimately improve welfare.		
Learning Outcomes (1 to 3)		ssment Criteria to 3.2)	
The learner will		learner can	
Understand zoo animal behaviour	1.1	Explain normal behaviour and body language of different zoo animals Describe when intervention and reporting of abnormal behaviour is necessary in zoo animals Explain implications of not reporting abnormal behaviour in	
2. Know the signs of stress in zoo animals	2.1	zoo animals Describe signs of stress in a range of zoo animals Evaluate the link between stress and poor health in zoo animals	
3. Understand the management of stress in zoo animals	3.1	Evaluate the role of enrichment in the prevention and management of stress in zoo animals	
	3.2	Explain strategies for the management of stress in zoo animals	



Unit Reference	J/650/8788		
Level	3		
Credit Value	4		
Guided Learning (GL)	30 h	ours	
Unit Summary	Learners will explore the welfare of animals kept in captivity and methods of assessing welfare standards, including how to improve welfare. Looking at the reasons that animals ar kept in captivity and how to ensure they are fulfilled, learners will have a balanced view on reasons for and against keeping animals in captivity, and the ethics or breeding.		
Learning Outcomes	Assessment Criteria		
(1 to 4) The learner will	(1.1 to 4.2) The learner can		
Know the needs of captive animals	1.1	Describe the needs of a range of animals to maintain their welfare when kept in captivity Explain how the needs of a range of animals can be met by the	
2. Know the methods used to assess the welfare of animals in captivity	2.1	Analyse current methods of welfare assessment used for a range of animals kept in captivity Evaluate the importance of animal welfare assessment Explain how to monitor animal welfare and suggest justified improvements	
3. Understand the ethical considerations of keeping animals in captivity	3.1	Analyse reasons for and against keeping animals in captivity Summarise the ethical principles involved with keeping animals in captivity	



4. Understand th of animals in of	J	.1	Evaluate the breeding of animals in captivity
	4.	.2	Analyse methods used to control animal breeding in captivity



Recognition of Prior Learning (RPL), Exemptions, Credit Transfers and Equivalencies

Skills and Education Group Awards policy enables learners to avoid duplication of learning and assessment in a number of ways:

- Recognition of Prior Learning (RPL) a method of assessment that
 considers whether a learner can demonstrate that they can meet the
 assessment requirements for a unit through knowledge, understanding
 or skills they already possess and do not need to develop through a
 course of learning.
- Exemption Exemption applies to any certificated achievement which
 is deemed to be of equivalent value to a unit within Skills and
 Education Group Awards qualification but which does not necessarily
 share the exact learning outcomes and assessment criteria. It is the
 assessor's responsibility, in conjunction with the Internal Moderator, to
 map this previous achievement against the assessment requirements
 of the Skills and Education Group Awards qualification to be achieved
 in order to determine its equivalence.

Any queries about the relevance of any certificated evidence, should be referred in the first instance to your centre's internal moderator and then to Skills and Education Group Awards.

It is important to note that there may be restrictions upon a learner's ability to claim exemption or credit transfer which will be dependent upon the currency of the unit/qualification and a learner's existing levels of skill or knowledge.

Where past certification only provides evidence that could be considered for exemption of part of a unit, learners must be able to offer additional evidence of previous or recent learning to supplement their evidence of achievement.

- Credit Transfer Skills and Education Group Awards may attach credit
 to a qualification, a unit or a component. Credit transfer is the process
 of using certificated credits achieved in one qualification and
 transferring that achievement as a valid contribution to the award of
 another qualification. Units/Components transferred must share the
 same learning outcomes and assessment criteria along with the same
 unit number. Assessors must ensure that they review and verify the
 evidence through sight of:
 - Original certificates OR
 - Copies of certificates that have been signed and dated by the internal moderator confirming the photocopy is a real copy and make these available for scrutiny by the External Moderator.
- Equivalencies opportunities to count credits from the unit(s) from other qualifications or from unit(s) submitted by other recognised organisations towards the place of mandatory or optional unit(s) specified in the rule of combination. The unit must have the same credit value or greater than the unit(s) in question and be at the same level or higher.



Skills and Education Group Awards encourages its centres to recognise the previous achievements of learners through Recognition of Prior Learning (RPL), Exemption, Credit Transfer and Equivalencies. Prior achievements may have resulted from past or present employment, previous study or voluntary activities. Centres should provide advice and guidance to the learner on what is appropriate evidence and present that evidence to the external moderator in the usual way.

Further guidance can be found in 'Delivering and Assessing Skills and Education Group Awards Qualifications' which can be downloaded from https://skillsandeducationgroupawards.co.uk/for-centres/

Certification

Learners will be certificated for all units and qualifications that are achieved and claimed.

Skills and Education Group Awards' policies and procedures are available on the website.

Exemptions

This qualification contains no exemptions. For further details see Recognition of Prior Learning (RPL), Exemptions, Credit Transfers and Equivalencies.



Glossary of Terms

GL (Guided Learning)

GL is where the learner participates in education or training under the immediate guidance or supervision of a tutor (or other appropriate provider of education or training). It may be helpful to think – 'Would I need to plan for a member of staff to be present to give guidance or supervision?'

GL is calculated at qualification level and not unit/component level.

Examples of Guided Learning include:

- Face-to-face meeting with a tutor
- Telephone conversation with a tutor
- Instant messaging with a tutor
- · Taking part in a live webinar
- Classroom-based instruction
- Supervised work
- Taking part in a supervised or invigilated formative assessment
- The learner is being observed as part of a formative assessment.

TQT (Total Qualification Time)

'The number of notional hours which represents an estimate of the total amount of time that could reasonably be expected to be required, in order for a learner to achieve and demonstrate the achievement of the level of attainment necessary for the award of a qualification.' The size of a qualification is determined by the TQT.

TQT is made up of the Guided Learning (GL) plus all other time taken in preparation, study or any other form of participation in education or training but not under the direct supervision of a lecturer, supervisor or tutor.

TQT is calculated at qualification level and not unit/component level.

Examples of unsupervised activities that could contribute to TQT include:

- Researching a topic and writing a report
- Watching an instructional online video at home/e-learning
- Watching a recorded webinar
- Compiling a portfolio in preparation for assessment
- Completing an unsupervised practical activity or work
- Rehearsing a presentation away from the classroom
- Practising skills unsupervised
- Requesting guidance via email will not guarantee an immediate response.