

# Kirk Hallam Community Academy (BTEC Tech award)

## Animal Science Learning Overview

	HT1	HT2	HT3	HT4	HT5	HT6
<b>Year 10</b>	<b>Component 1: Animal Handling and Restraint</b> <i>Handling and restraint techniques</i> <i>Safe handling</i>	<b>Component 1: Animal Handling and Behaviour</b> <i>Understanding behaviours</i> <i>Temperament and impact on handling</i>	<b>Component 2: Animal Housing and Accommodation</b> <i>How accommodation meets the welfare needs</i> <i>Types of accommodation</i> <i>Enrichment</i>	<b>Component 2: Suitability of Accommodation</b> <i>Factors affecting the selection of animal accommodation</i>	<b>Component 2: Preparing and Cleaning Accommodation</b> <i>Clean and prepare accommodation using safe practice</i>	<b>Component 2: Preparing and Cleaning Accommodation</b> <i>Clean and prepare accommodation using safe practice</i>
<b>Year 11</b>	<b>Component 3: Animal Health and Welfare</b> <i>Welfare needs</i> <i>Purposes and protection in society</i>	<b>Component 3: Animal Health and Signs</b> <i>Signs relating to health</i> <i>Visual and physical checks</i> <i>Monitoring</i>	<b>Component 3: Animal Disease</b> <i>Common diseases and treatments</i> <i>Notifiable diseases</i> <i>Animal care routines</i>	<b>Component 3: Animal Legislation</b> <i>Legislative protection and care to ensure animals' individual needs are met</i>	<b>Component 3: Animals in Society</b>	<b>Exam revision and Preparation</b>

# Kirk Hallam Community Academy (Certificate)

## Animal Science Learning Overview

	HT1	HT2	HT3	HT4	HT5	HT6
<b>Year 12</b>	<b>Practical Animal Husbandry (Unit 4):</b> <i>Safe handling Accommodation Husbandry</i>	<b>Practical Animal Husbandry (Unit 4):</b> <i>Safe handling Accommodation Husbandry</i>  <b>Animal Behaviour (Unit 5):</b> <i>Normal and Abnormal Influencing factors Monitoring</i>	<b>Animal Behaviour (Unit 5):</b> <i>Normal and Abnormal Influencing factors Monitoring</i>	<b>Animal Health and Diseases (Unit 6):</b> <i>Pathogen growth and reproduction Health assessments Preventative techniques</i>	<b>Animal Health and Diseases (Unit 6):</b> <i>Pathogen growth and reproduction Health assessments Preventative techniques</i>  <b>Work experience in the Animal Sector (Unit 7):</b> <i>Employment Prospects Experience</i>	<b>Animal Health and Diseases (Unit 6):</b> <i>Pathogen growth and reproduction Health assessments Preventative techniques</i>  <b>Work experience in the Animal Sector (Unit 7):</b> <i>Employment Prospects Experience</i>
<b>Year 13</b>	<b>Resubmissions</b>  <b>Animal Welfare and Ethics (Unit 3):</b> <i>Legislation and requirements Ethical approaches in welfare</i>	<b>Animal Welfare and Ethics (Unit 3):</b> <i>Legislation and requirements Ethical approaches in welfare</i>  <b>Work experience in the Animal Sector (Unit 7):</b> <i>Employment Prospects Experience</i>	<b>Animal Welfare and Ethics (Unit 3):</b> <i>Legislation and requirements Ethical approaches in welfare</i>  <b>Work experience in the Animal Sector (Unit 7):</b> <i>Employment Prospects Experience</i>	<b>Animal Welfare and Ethics (Unit 3):</b> <i>Legislation and requirements Ethical approaches in welfare</i>  <b>Work experience in the Animal Sector (Unit 7):</b> <i>Employment Prospects Experience</i>	<b>Final exam preparation</b>  <b>Work experience in the Animal Sector (Unit 7):</b> <i>Employment Prospects Experience</i>	<b>Final exam preparation</b>

# Kirk Hallam Community Academy (Extended Diploma)

## Animal Science Learning Overview

	HT1	HT2	HT3	HT4	HT5	HT6
<b>Year 12</b>	<p><b>Animal Breeding and Genetics (Unit 1):</b> <i>Principles, practices, techniques, strategies</i> <i>Successful breeding</i></p> <p><b>Practical Animal Husbandry (Unit 4):</b> <i>Safe handling</i> <i>Accommodation</i> <i>Husbandry</i></p>	<p><b>Animal Breeding and Genetics (Unit 1):</b> <i>Principles, practices, techniques, strategies</i> <i>Successful breeding</i></p> <p><b>Animal Behaviour (Unit 5):</b> <i>Normal and Abnormal</i> <i>Influencing factors</i> <i>Monitoring</i></p>	<p><b>Animal Breeding and Genetics (Unit 1):</b> <i>Principles, practices, techniques, strategies</i> <i>Successful breeding</i></p> <p><b>Animal Health and Diseases (Unit 6):</b> <i>Pathogen growth and reproduction</i> <i>Health assessments</i> <i>Preventative techniques</i></p>	<p><b>Animal Biology (Unit 2):</b> <i>Body system</i> <i>Cells and tissues</i> <i>Adaptations and disorders</i> <i>Function</i></p> <p><b>Investigative Research Project (Unit 8):</b> <i>Methodologies and processes</i> <i>Investigations</i> <i>Effectiveness of projects</i></p>	<p><b>Animal Biology (Unit 2):</b> <i>Body system</i> <i>Cells and tissues</i> <i>Adaptations and disorders</i> <i>Function</i></p> <p><b>Business Management in the Animal Sector (Unit 12):</b> <i>Purposes of business operation</i> <i>Physical and human resources in business</i> <i>Record keeping</i></p>	<p><b>Animal Biology (Unit 2):</b> <i>Body system</i> <i>Cells and tissues</i> <i>Adaptations and disorders</i> <i>Function</i></p> <p><b>Zoological Animal Health and Husbandry (Unit 23):</b> <i>Legislation regarding safety</i> <i>Welfare approaches in a zoological setting</i> <i>Safe and competent handling</i></p>
<b>Year 13</b>	<p><b>Animal Welfare and Ethics (Unit 3):</b> <i>Legislation and requirements</i> <i>Ethical approaches in welfare</i></p> <p><b>Exotic Animal Husbandry (Unit 21):</b> <i>Implications of keeping exotic animals</i> <i>Maintain health and welfare</i> <i>Husbandry needs</i></p>	<p><b>Animal Welfare and Ethics (Unit 3):</b> <i>Legislation and requirements</i> <i>Ethical approaches in welfare</i></p> <p><b>Farm Livestock Husbandry (Unit 19):</b> <i>Production systems for farm livestock</i> <i>Nutritional needs</i> <i>Handling and husbandry</i></p>	<p><b>Animal Welfare and Ethics (Unit 3):</b> <i>Legislation and requirements</i> <i>Ethical approaches in welfare</i></p> <p><b>Animal Nursing (Unit 17):</b> <i>Roles in a veterinary practice</i> <i>Nursing methods and care</i> <i>Recovery of animals</i></p>	<p><b>Exam Preparation</b></p> <p><b>Wildlife Ecology and Conservation Management (Unit 24):</b> <i>Habitat planning and rehabilitation</i> <i>Field studies</i> <i>Conservation management relating to biodiversity</i></p>	<p><b>Exam Preparation</b></p>	<p><b>Exam Preparation</b></p>