

Purpose statement

The following purpose is for the **Level 2 Technical Award in Land Based Studies (601/7240/X)**. This qualification is suitable for you if aged 14 – 16.

Area	Description
OVERVIEW	
Who is this qualification for?	<p>This qualification allows you to explore how we use the land for purposes of housing, infrastructure, energy production, forestry production, farming and leisure, field and adventure sports.</p> <p>If you enjoy looking back in time to explore changing trends and developments of land use, as well as enhancements in technology, this qualification is for you. You'll also get an opportunity to develop plant and animal husbandry skills.</p>
What will the student study as part of this qualification?	<p>You will explore how historical land use and management has changed from a greater emphasis on food production to an emphasis on sustainability, environmental management and public access. You will find out how science plays a major role in the modern land-based sector by investigating different parts of the industry, roles of plants/crops and animals, whilst considering the importance of biosecurity.</p> <p>This qualification has three units:</p> <ul style="list-style-type: none"> • Exploring the use of land • Application of science in the land based sector • Application of technology in the land based sector
What knowledge and skills will the student develop as part of this qualification and how might these be of use and value in further studies?	<p>This qualification develops the following knowledge, understanding and skills:</p> <ul style="list-style-type: none"> • different uses of land and associated industries • challenges and conflicts that arise when land is used for food production, leisure and conservation • how the structure and function of plants affects successful propagation and yields • requirements of optimum nutrition required for animal growth and health • what role technology plays in the land based sector

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- the range of technology used within the land based sector from DNA testing to use of drones
 - how science and innovation has influenced technology developments
 - development of animal and plant husbandry skills.

Your understanding and skills can be developed further through progression to other qualifications, such as A levels or specific to a sector, including:

- City & Guilds Level 3 Advanced Technicals in Horticulture/Animal Management/Equine Management/Agriculture/ Forestry and Arboriculture

You would also find the understanding and skills useful to progress to an apprenticeship.

Which subjects will complement this course?

GCSEs in Biology, Physics, Chemistry and Geography will complement this qualification.

FURTHER INFORMATION

Please refer to the Qualification Handbook, available on the City & Guilds website, for more information.
