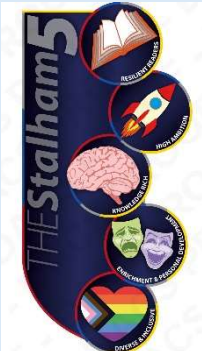





























Subject: Land Based Studies

Year:10

| Half -Term | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|--|---|---|--|--|---|--|
| <p>Themes/ Content/ Units covered</p>  | <p><i>Introduction to land use and management</i></p> <p>Range of land- based industries </p> <p>Farmers today</p> <p>Government Organisations </p> <p>The history of the agricultural revolution</p> <p>The right to roam. </p> <p>Environmental stewardship</p> <p>The role of technology in the land - based sector </p> | <p><i>General Agricultural science</i></p> <p>Plant cells, tissues, and organs </p> <p>Animal cells, tissues, and organs</p> <p>Soil science </p> <p>Monogastric (human) digestive system</p> <p>Nutrition & deficiency diseases </p> <p>Factors influencing the design of technology</p> <p>Technology in animal production, health and welfare </p> | <p><i>Dairy Farming in the UK</i></p> <p>The dairy farming landscape. </p> <p>The calf-cycle and the cattle digestive system</p> <p>The Animal Welfare Act</p> <p>The healthy cow </p> <p>Feeding the dairy cow</p> <p>Handling the dairy cow</p> <p>Application of Technology across the different sectors </p> <p>Innovation in technology </p> <p>Poultry farming homework project </p> | <p><i>Cereal Farming in the UK</i></p> <p>Arable farming landscape </p> <p>The process of plant growth to maturity</p> <p>Preparing growing mediums </p> <p>Nutritional requirements of plants</p> <p>Care of plants for optimal growth </p> <p>Treatment of pests and disease in plants</p> <p>Application of technology in dairy farming </p> | <p><i>Pig farming in the UK</i></p> <p>The monogastric digestive system of the pig </p> <p>The healthy pig</p> <p>Housing for pigs </p> <p>Feeding the Pig</p> <p>Husbandry </p> <p>Common diseases, signs, prevention, and treatment </p> <p>Sheep farming homework project </p> | <p><i>Land Use Project</i></p> <p>Consider the different ways the school site could be used </p> <p>Plan and pitch ideas for land use showing application of knowledge developed across the year.  </p> |