

# LAND BASED STUDIES



Curriculum Hours		Class Details			Assessments	Exam Board
LS	Incorporated into Science	G1=7	G2=7	G3= 7	N/A	N/A
		AF	AF	AF		
US	3 periods per week	G4=3 (Yr9)		G5=2 (Yr9)	End of unit Assessments	Pearson
		AF/TJ		AF/TJ		
	1 double 1 single	G6=3 (Yr10)		G7=3 (Yr10)		
		AF/TJ		AF/TJ		
N/A	G8=6 (Yr11)		G9=6(Yr11)	G10=5 (Yr11)		
	N/A		N/A	N/A		

## LS Curriculum

Land Based Studies is not taught in lower school, this is because there is no set timetabled lessons for pupils and due to the seasons/climate. Students are introduced to horticultural lessons taking time out of science lessons in the warmer months of the year when pupils can access resources like the greenhouse and polytunnel without getting dirty or too cold. Planting kicks off in early March when the weather and soil warms up. Pupils in the lower years will be involved in the organising, setting up of the greenhouse and polytunnel, planting and maintenance of both systems that enhance the Land Based qualification higher in the school.

Pupils get an insight into the skills and behaviours needed to undertake the qualification in Land Based Studies. The lessons are very practical, i.e. beginning to learn how to propagate seeds and on-grow them to take home or plant in the polytunnel, how to water plants and keep them healthy and looking out for signs of disease. Pupils get opportunities to learn how plants grow, reproduce, respond to environmental conditions and can be kept healthy. These areas support the learning of topics which ties well into Science curriculum topics such as Variation (Y1 Summer 1), Plant reproduction (Y2 Spring 4) and Climate (Y3 Autumn 2).

The lessons also allow pupils to experience using their hands practically and getting dirty and exploring sensory needs. Many of our pupils are better at practical and verbal based tasks, this subject helps explore them and see if they would like to gain a further qualification, which can support them leaving the school.

## US Curriculum

Pearson BTEC L1 Certificate in Land Based Studies in the upper school provides a practical qualification.

Pupils arrive into the qualification with a good working knowledge of horticultural skills as they have moved through our KS2/3 programme of study.

[To achieve a Level 1 Certificate: pupils will undertake 2 core and 3 sector based modules:](#)

### **Mandatory modules**

- Being Organised (20%)
- Developing a Personal Progression Plan (20%)

Setting you up to work in land based job industries, making you an effective learner and learning key skills such as time management, planning and identifying future prospects.

### **Option sector modules**

- Growing Plants (20%)
- Caring for and Keeping Plants Healthy (20%)
- Preparing Soil for Planting. (20%)

Land based topics exploring how to grow plants successfully, growing plants from seeds and cuttings, techniques for on growing, disease and pests and testing soils in the laboratory.

[To achieve a Level 1 Award: pupils will undertake 1 core and 1 sector based module:](#)

### **Mandatory modules**

- Developing a Personal Progression Plan (40%)

### **Option sector modules**

- Growing Plants
- Caring for and Keeping Plants Healthy (60%) All modules taught, the best mark is carried through
- Preparing Soil for Planting.

## Other Info

Assessment is through assignments and set work, work is then externally verified.

There are no exams for this qualification.