

# Curriculum Overview

## Subject: Architecture, Construction & Design

	Autumn 1	Autumn2	Spring 1	Spring 2	Summer 1	Summer 2
<b>YEAR 11</b>	Unit 3 Construction Design; <ul style="list-style-type: none"> <li>• Sectors of Construction Industry in the UK</li> <li>• Contribution of Construction Industry to the UK</li> <li>• Client Brief</li> <li>• Concept Ideas; elevations, floor plans &amp; point perspectives</li> <li>• Reviewing against the CB</li> </ul>	Unit 2 Maths and Science in Civil Engineering & Construction; <ul style="list-style-type: none"> <li>• Load, Stress and Strain</li> <li>• Materials in Construction</li> <li>• Area, volume, perimeters in construction projects</li> <li>• Trigonometry and Pythagoras Theorum</li> </ul>		Unit 4 Construction Drawing Techniques; <ul style="list-style-type: none"> <li>• Floor plans</li> <li>• Site &amp; Location plans</li> <li>• Component drawing</li> <li>• Presentation drawing</li> <li>• CAD</li> </ul>  Unit 7 Carpentry		