

Curriculum Overview

Subject: Architecture, Construction & Design

	Autumn 1	Autumn2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 10	Unit 3 Construction Design; <ul style="list-style-type: none"> • Sectors of Construction Industry in the UK • Contribution of Construction Industry to the UK • Client Brief • Concept Ideas; elevations, floor plans & point perspectives • Reviewing against the CB 	Unit 1 Constructing a low rise house 1; <ul style="list-style-type: none"> • Pre-construction • Pre-construction • Pre-con. to construction • Groundworks • Foundations • External Walls • Roofs 	Unit 1 Constructing a low rise house 2; <ul style="list-style-type: none"> • Floors • Internal Walls • Embodied energy • Loads, strength & stability • Materials grading • Resistance • 	Unit 1 Constructing a low rise house 3; <ul style="list-style-type: none"> • Sustainable materials • Wall openings • Finishes • REVISION • FINAL MOCKS 	Unit 3 Construction Design; <ul style="list-style-type: none"> • Sectors of Construction Industry in the UK • Contribution of Construction Industry to the UK • Client Brief • Concept Ideas; elevations, floor plans & point perspectives • Reviewing against the CB 	Unit 2 Maths and Science in Civil Engineering & Construction; <ul style="list-style-type: none"> • Load, Stress and Strain • Materials in Construction • Area, volume, perimeters in construction projects • Trigonometry and Pythagoras Theorum