



Achievement Cycle Overview

Curriculum: Design & Technology: Resistant Materials

***Excellence.
No Excuses.***

Year	AC1	AC2	AC3	AC4
11	<p>Topic Overview: NEA Design and development</p> <p>NEA areas of study:</p> <ul style="list-style-type: none"> • Design sketches • Modelling • CAD • Construction sketches • Working Drawings <p>GCSE Links:</p> <ul style="list-style-type: none"> • Design briefs and Specifications • Exploring and developing a design idea • Design strategies • Drawing techniques • Developing prototypes 	<p>Topic Overview: Planning & Manufacturing</p> <p>NEA areas of study:</p> <ul style="list-style-type: none"> • Materials list • Manufacturing Planning • Manufacturing <p>GCSE Links:</p> <ul style="list-style-type: none"> • Manufacturing Specification • Using materials efficiently • Working safely 	<p>Topic Overview: NEA Testing & Evaluation</p> <p>NEA areas of study:</p> <ul style="list-style-type: none"> • Test aspects of prototype and make improvements • Test product in situ • Evaluate against Design Specification • Gain client feedback <p>GCSE Links:</p> <ul style="list-style-type: none"> • Developing prototypes • Evaluate design • Evaluate manufacturing process 	<p>Topic Overview: Exam Revision</p> <p>GCSE Links:</p> <ul style="list-style-type: none"> • CPG Revision Guide