



Elms Bank
School & College

Excellence for All

Product Design

Long Term Plan – Inspire KS4

	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
<p>Level 1 Creative Craft / GCSE</p> <p>Year 10 Year 11</p>	<p>Drawing independently selected colour ideas using templates and lightboxes</p> <p>Selecting and using tools and equipment that are appropriate</p> <p>Using Google to research useful material and realia using 'copy paste' and literacy mat led annotation</p> <p>Workshop Safety – PPE</p> <p>Project – Earphone Wrap</p>	<p>Modelling Ideas with accuracy using basic compliant materials from templates and marked out</p> <p>Using CAD package to develop ideas</p> <p>Workshop Safety – PPE (independent tie up apron and put on gloves)</p> <p>Project – Sweet Machine</p>	<p>Workshop Safety signs and warnings in workshop and the workplace</p> <p>Judging relative merits and suitability of materials</p> <p>Using CAM equipment to prototype ideas</p> <p>Project – Sweet Machine</p>	<p>Formulating simple specification based on user need from a pupil generated list</p> <p>Drawing basic 3D shapes in oblique and isometric</p> <p>Modelling with block materials and joining to sheet modelling materials</p> <p>Project – Media Rack</p>	<p>Working with tools and powered equipment–shaping and finishing independently with self-selected PPE</p> <p>Joining and fixing methods – semi and permanent joining including epoxy resin/ LSC</p> <p>Project – Media Rack</p>	<p>Play / Wellbeing Curriculum / Transition</p>