



**Elms** Bank  
School & College

Excellence for All

# Product Design

# Long Term Plan – Specialist Provision

## KS4

	<b>Autumn A</b>	<b>Autumn B</b>	<b>Spring A</b>	<b>Spring B</b>	<b>Summer A</b>	<b>Summer B</b>
<b>WJEC Entry Pathways</b>  <b>Key Stage 4</b>	Drawing directed colour ideas using templates and lightboxes Selecting tools and equipment that are appropriate Using Google to research useful material and realia Workshop Safety – PPE Project – Earphone Wrap	Modelling Ideas using basic compliant materials from templates Using CAD package to develop ideas Workshop Safety – PPE Project – Earphone Wrap	Workshop Safety signs and warnings. Reflecting on use of tools and equipment Using CAM equipment to prototype ideas Project – Sweet Machine	Formulating simple specification based on user need Drawing basic 3D shapes in oblique Modelling with block materials and joining to sheet modelling materials Project – Sweet Machine	Working with tools and powered equipment–shaping and finishing with limited support Joining and fixing methods – semi and permanent joining Project – Money Box	Play / Wellbeing Curriculum / Transition

