



# Denton Community College

## Departmental Curriculum Plan

### Subject: Product Design Technology

### Year Group:8



	ROTATION 1	ROTATION 2	ROTATION 3	ROTATION 4
Topics	<b>GRAPHIC PRODUCTS</b> Rebranding	<b>MULTI MATERIALS</b> PLYWOOD BIRD FEEDER	<b>FOOD</b> Nutrition and Health	<b>TEXTILES</b>
What will students be learning during this unit?	<p>The basic Graphic components and elements.</p> <p>An introduction to 'Colour psychology and how it is used in Graphic design.'</p> <p>How word and colour association is used in typography and branding.</p> <p>3D drawing techniques:</p> <p>Pupils will learn how to produce Isometric and one point perspective drawing.</p> <p>How to apply light and texture to their drawings.</p> <p>Have to evaluate and develop design ideas to address a specification.</p>	<p>WOODS and their properties</p> <p>Tools and Equipment; Coping saw,</p> <p>Introduction to Engineering; creating a screw thread</p> <p>Introduction to working from a technical drawing.</p> <p>Produce a technical drawing from given dimensions.</p> <p>Tessellation in manufacturing.</p> <p>External and internal cutting.</p> <p>Understanding of 'waste' lines.</p> <p>Finishing techniques for manufactured boards.</p>	<ul style="list-style-type: none"> <li>- Understanding how to work safely in a kitchen environment</li> <li>- Understand the importance of health and hygiene when working with food (reinforce the 4C's)</li> <li>- Understand the principles of healthy eating</li> <li>- Recap the eatwell guide (embed the information from year 7)</li> <li>- Health effects of a diet high in sugar (new project for 2021)</li> <li>- Food Waste</li> <li>- Food miles</li> </ul>	<p>Develop your presentation skills.</p> <p>Recap of how to use stitch for colour and surface pattern.</p> <p>MEDIA-Produce a Mood board based on Textile Techniques you have learnt.</p> <p>Experimentation with different techniques</p> <p>Look at different colour schemes and techniques.</p> <p>FINAL PIECE-Produce a final piece based on monsters and Surface Pattern to create a useful product.</p> <p>How to develop your drawing skills by creating an effective design sheet.</p>
When will students be assessed?	<ul style="list-style-type: none"> <li>- Colour Wheel</li> <li>- Seasonal decorative fonts</li> <li>- One point perspective street view</li> <li>- Logo development</li> </ul> <p>Work will be assessed via peer/self assessment.</p> <p>Students' work will also be teacher assessed every 3 weeks in line with the DCC marking policy.</p>	<ul style="list-style-type: none"> <li>- Research page - Metals</li> <li>- Design page</li> <li>- Practical outcome</li> </ul> <p>Students' work will also be teacher assessed every 3 weeks in line with the DCC marking policy.</p>	<p>Observation during food practical sessions</p> <p>Work booklet exercises</p> <p>Students' work will also be teacher assessed every 3 weeks in line with the DCC marking policy.</p>	<p>Booklet work.</p> <p>Work will be assessed via peer/self assessment.</p> <p>Assessment practical textile pieces throughout the project.</p> <p>Students' work will also be teacher assessed every 3 weeks in line with the DCC marking policy.</p>
How will students be assessed?	In line with NC students will be assessed after each key piece using a WWW/EBI. which is in line with DCC policy.	In line with NC students will be assessed after each key piece using a WWW/EBI. which is in line with DCC policy.	In line with NC students will be assessed after each key piece using a WWW/EBI. which is in line with DCC policy.	In line with NC students will be assessed after each key piece using a WWW/EBI. which is in line with DCC policy.

	Ongoing methods of formative assessment will be evident while pupils complete lesson tasks and exercise via ongoing verbal feedback .  Use of 'Mote' feedback in Google Classroom to give verbal feedback on students home learning,	Ongoing methods of formative assessment will be evident while pupils complete lesson tasks and exercise via ongoing verbal feedback . Use of 'Mote' feedback in Google Classroom to give verbal feedback on students home learning,	Ongoing methods of formative assessment will be evident while pupils complete lesson tasks and exercises via ongoing verbal feedback. Use of 'Mote' feedback in Google Classroom to give verbal feedback on students home learning,	Ongoing methods of formative assessment will be evident while pupils complete lesson tasks and exercise via ongoing verbal feedback. Use of 'Mote' feedback in Google Classroom to give verbal feedback on students home learning,
<b>Key Vocabulary</b>	<p>Typography Rendering Texture Harmonising Contrasting Isometric One point perspective Line weighting Appearance Style Function Form</p> <p>The implementation of a 'Do now' booklet allows for further exposure to subject specific language directly linked to the NC.</p>	<p>Plywood Softwood Hardwoods Manufactured boards Waste lines Band facer Fret saw Disassemble Screw threading Mild Steel Sustainability Managed forest (FSC) Template / Dissect</p> <p>The implementation of a 'Do now' booklet allows for further exposure to subject specific language directly linked to the NC.</p>	<p>Nutrients Hygiene Safety Personal hygiene Food hygiene Food poisoning Bacteria Cross contamination Symptoms Claw and bridge</p> <p>The implementation of a 'Do now' booklet allows for further exposure to subject specific language directly linked to the NC.</p>	<p>Monster Applique Pattern Design Research Evaluate Cotton Thread Scissors Sewing Fibre Sew Stitch Design Artist Designer Presentation Composition</p> <p>The implementation of a 'Do now' booklet allows for further exposure to subject specific language directly linked to the NC.</p>
<b>Homework opportunities to broaden or deepen student knowledge</b>	<p>Pupils will undertake independent research tasks. Where they are to research the following designers: - Alberto Alessi - Zaha Hadid - Heatherwick Studios Pupils are encouraged to use the internet to gather information and use CAD to produce A3 research pages.</p>	<p>Pupils will undertake independent research tasks. Where they are to research the following designers: - Raymond Loewy - TESLA - ZAHA HADID Pupils are encouraged to use the internet to gather information and use CAD to produce A3 research pages.</p>	<p>Planning and preparation of ingredients, Ingredients are to be brought into school unless provided for. Students are encouraged to practice cooking at home to further develop skills.</p>	<p>Fact finding, developing and enhancing fundamental skills.</p> <p>Pupils will undertake independent research tasks. Where they are to research the following theme/topic: Graffiti/Sgraffito Street artists Pupils are encouraged to use the internet to gather information to produce their research pages.</p>

<b>Links to the National Curriculum</b>	See separate document	See separate document	See separate document	See separate document
---	-----------------------	-----------------------	-----------------------	-----------------------