

Sets (s): PHS Bands

YEAR 10 – LP2 – Packaging project

SUBJECT- Packaging

KNOWLEDGE FOCUS: To gain improved skills and knowledge that are transferable and can be used within other Design and Technology projects.



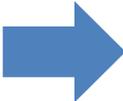
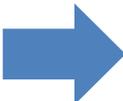
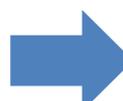
This half term : Skills, Knowledge and Understanding to be developed:

- To develop skills from LP1 to create a final design.
- To understand and follow basic instructions for using machines/programs.
- To use CAD and CAM with confidence.
- To create a seasonal Christmas item using CAD/CAM.

Literacy- WL2,WG1,WG3& WG7c

Key Terms to be learned this half term:

CAD/CAM, designing, crating, tutorial, rendering, fine lining, shading, packaging, 2D design, contour, bitmap, dimensions, manufacturing, process, branding, logos, skills, forming, creating, nets, technique, dimensions.

<p>Week 1 and 2 Learning Objectives etc: -To investigate existing logos/branding and try and interpret them into your own. Use them to inspire you and create your own branding for your packaging. -Begin the designing process using the logos/sizes knowledge previously learnt. -Develop knowledge of the crating process/general drawing techniques. Skills: Problem solving, drawing skills. ICT numeracy skills and literacy.</p>	 <div style="background-color: #ff00ff; padding: 5px; display: inline-block;">APP- Drawing technique task</div>	<p>Objective assessments: APP outcome of drawing techniques task.</p>	<p>Homework: Follow you tube link/tutorial on crating/drawing skills to practice skills for the following lesson.</p>
<p>Week 3 and 4 Learning Objectives etc: -Begin the designing process using the logos/sizes knowledge previously learnt. -Develop knowledge of the crating process/general drawing techniques. -Create a final design for including full annotation related to the design. Skills: Literacy skills, designing, numeracy and ICT Literacy: WL2, WG1,WG3& WG7c</p>		<p>Objective assessments: To be able to create own branding/design packaging using crating/drawing techniques to come up with a final design.</p>	
<p>Week 5 and 6 Learning Objectives etc: -To make the final packaging using a range of making techniques that are suited to your product. This could be using the laser cutter/vacuum forming/handmade nets. -Evaluate the performance of the final design/packaging. Skills: Literacy skills, designing, numeracy and ICT Literacy: WG1, WG3& WG7c</p>	 <div style="background-color: #ff00ff; padding: 5px; display: inline-block;">SA- Final packaging.</div>	<p>Objective assessments: Produce a final packaging product to be used for your chosen item.</p>	<p>Homework: Ensure all pages in your books are fully completed to the best of your ability along with all homework for this project.</p>
<p>Week 7 and 8 Learning Objectives etc: -Design and make a seasonal Christmas item using all the CAD/CAM skills learnt during the previous packaging homework. Skills: Problem solving, numeracy. Literacy: WL2& WG7c.</p>		<p>Objective assessments: Produce a final seasonal Christmas item using CAD/CAM to take home.</p>	<p>Homework: Complete exam question theory homework related to topic being covered.</p>