

Subject	Year	Specialism
Design and Technology	Year 8	Product Design

Project

Chocolate Project

Content (Intent)

Prior Learning: Y7 D&T – use of CorelDraw in Trick Deck, Zip Tag and Block Bot

- How to use a **mood board** to inspire your design ideas (Trick Deck and Zip Tag)
- How to **simplify shapes** so they are suitable for the making process (Zip Tag)
- **Develop your Corel Draw skills to:**
 - Manipulate images – (All)
 - Add text (Trick Deck)
 - Use the line and shape tools with accuracy (Zip Tag)
- Develop **your packaging design skills** – developing a **brand name and tag line** for your product (Trick Deck)

Future Learning: Y9 Café project and GCSE Product Design

How will knowledge and skills be taught (Implementation)	How will your understanding be assessed & recorded (Impact)
<ul style="list-style-type: none"> • How the vacuum forming process works • How to create a simple prototype of your design • How to prepare and assemble a laser cut cardboard mould <p>CorelDraw</p> <ul style="list-style-type: none"> • How to trace around images using the B-spline tool • How to use the quick trace function • How to split your design into separate parts ready to be laser cut <ul style="list-style-type: none"> • Food safety requirements when pouring chocolate and creating your bar • Theory behind Fair Trade and biodegradable packaging • Evaluating your product using other peoples opinions 	<p>Assessment</p> <p>Each project is individually assessed through teacher assessment and the final end of year progress and effort grades are based on all work completed <i>in Y7 D&T</i>.</p> <p>Key project work will be used to build up a clear picture of student effort and progress. All homework will be given a progress and effort grade.</p> <p>Main areas of assessment:</p> <ul style="list-style-type: none"> • Quality of initial design ideas • Making • Accuracy • Safe working practices in the workshop • Subject knowledge and understanding

How can parents help at home?

Students will complete their design work and homework in a project booklet. It would be great if you could talk this through with your child to help them develop their ideas further and ensure tasks are complete.