



Topic Overview
Faculty/Subject: Innovation/DT
Year Group: 7
Topic: Food Packaging -Graphics



What BIG IDEAS will you cover in this topic?

Students are asked to design a Graphics Food Packaging for a teenage audience. They must design the Graphics Food Packaging with a cartoon food theme. They will be encouraged to be creative when sketching and produce high quality designs that link back to their research and specification. Students must use CAD on their design by using the computer to create their designs. Students will be made aware of potential hazards and risks when working with the guillotine, craft knife, safety rule and cutting mat. Students will re-familiarise themselves with Health and Safety rules to ensure good practice. Students will gain experience of working closely to a design brief, gaining an understanding of both design and manufacturing processes. Students will also have the opportunity to work with adhesives and materials, looking at characteristics and aesthetically pleasing construction methods.

What other key concepts, knowledge and skills will you learn in this topic?

- The design process
- What constitutes high quality design
- Linking designs back to a specification (criteria)
- Equipment, uses and health & safety
- Peer and self-evaluation
- CAD
- Die cutting

What important prior knowledge will you use from your prior learning?

- Looked at safety and hygiene in other DT rooms
- Worked with paper and card
- Drawn, coloured and talked about their ideas
- Made 3D models in simple materials

Where does this topic fit into the curriculum plan for this subject?

Students will learn to complete initial designs based on images they will talk about plagiarism and high quality design- this will be revisited throughout their DT journey. They will learn about the process of CAD using the basic powerpoint tools and will, in further years, upgrade to 2D design. Select and experiment with materials to help develop their final design.

Assessment:
How and when will you be assessed on this topic?
What will the success criteria be?

EXCELLING (+, **, +)	
All of the secure criteria plus: Describe ideas and give reasons.	
SECURE	
	T1
	Assessment strategy: Informal/external/grades Teacher/Self/Peer assessment Baseline project and Graphics branding project
Technical Knowledge	Identify basic equipment, materials, components and techniques for each DT specimen. Use ICT software to enhance the quality of work and identify shortcuts on the computer software.
Evaluating	Make/judge a simple judgement on the product/outcome. Make/state simple suggestions for improvement.
Practical Making	With help, use the computer software. Produce a finished product.
Design Skills	Generate designs and describe thoughts, label/annotate sketches and models to communicate details of new designs.
DEVELOPING (-, *, -)	
Not yet secure with all of the criteria set out for the term.	
Student feedback and steps moving forward	

What is the key vocabulary that you will need to know in this topic?

- As defined in objectives, activities and outcomes through writing, speaking, listening and reading.
- Through the activities in this unit, pupils will be able to understand, use and spell correctly words relating to:
 Processes – cutting, marking out, glueing, hazard identification, risk assessment, double sided tape,
 Tools – pencil, laminate, craft knife, cutting mat, vacuum forming, mould, scissors, computer, guillotine.

What is the structure of learning/lessons in this topic?

Theory-Design brief and analysis
 Theory-Product analysis
 Theory-Specification
 Theory- 2 lessons on Design work
 Practical-Introduction to CAD
 Practical-3 lessons on CAD creating designs
 Practical & Theory- 2 lessons-Cut out, make and evaluate

Exemplar work



