

# Year 5 – Lesson Plan 1 – D.T.

## *Can You Design Packaging That Protects and Persuades?*

|                                                                                                                  |                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Aim:</b><br>To design and make a piece of packaging that protects a product and makes it appealing to buyers. | <b>Key Words:</b> <ul style="list-style-type: none"> <li>• packaging</li> <li>• net</li> <li>• structure</li> <li>• protection</li> <li>• persuasive</li> </ul> | <b>Preparation:</b> <ul style="list-style-type: none"> <li>• Card (A4 or A3)</li> <li>• Scissors, glue, sticky tape</li> <li>• Rulers, pencils, felt tips/colouring pens</li> <li>• Examples of real packaging (e.g. cereal boxes, toy packaging)</li> <li>• Access to printed net templates (cubes, cuboids, prisms, etc.) if needed</li> </ul> |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Prior Learning:** Children will have used 2D shapes and nets in maths, and explored product design in previous D.T. tasks.

|         |                                                                                                                                                                                                                        |            |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| WC / PT | <b>Warm-up:</b><br>Show examples of real packaging. Ask: <i>What makes this packaging stand out? How does it protect the item inside?</i> Discuss visual appeal and strength.                                          | 0-5 mins   |
| WC      | <b>Main Teach:</b><br>Demonstrate how to create a 3D shape from a net. Discuss the dual purpose of packaging: protection and persuasion. Model how to include design features like logos, slogans, and colour choices. | 5-10 mins  |
| I / S   | <b>Activity:</b><br>Children design and build their own packaging for a chosen product (real or imaginary). They draw and cut out the net, decorate the outer design, and assemble the box.                            | 10-30 mins |
| I       | <b>Extension Challenge:</b><br>Add a clever feature like a window, handle, or compartment. Write a slogan or advertising message.                                                                                      | 30-35 mins |
| WC      | <b>Plenary:</b><br>Share examples. Ask: <i>How does your packaging protect the product? What part of your design would make someone want to buy it?</i>                                                                | 35-40 mins |

WC – Whole Class

PT – Partner Talk

I – Independent

S – Support

|             |                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------|
| Challenge A | Write an advert for your product, describing why it's amazing and how the packaging helps sell it. |
| Challenge B | Create a TV or radio-style jingle for your product and perform it to the class.                    |