

**What we already know:**

- Upcycling Project – Using techniques and machinery to restore timber for box
- Set's of coasters with paint design

**Topic:**

**Design & Technology  
Year 8/9 Cycle A Term 5**

**What's next**

- Textiles - produce step by step plans for his/her idea for their graphics for t-shirt or tote bag

**Golden Concepts**

Design Process

D & T Skills

Tools & Equipment

Textiles/Graphics

Evaluation

**What I will know by the end of the unit: Understand key concepts in DT and develop skills along with terminology and improve their safety techniques**

**Key Vocabulary**

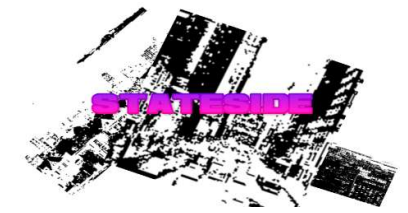
Prototype	An early graphic or sample of a product used to test and evaluate design ideas
Sustainability	Considering the environmental impact of materials and processes in making the textiles
Heat Transfer	A design printed on wax paper/cling film is transferred to fabric using heat
Materials	Types of fabric, types of product – t-shirt, tote bag, sweatshirt
Technical Drawing	Using sketches, designs and text to create an original design
Placement	Ensuring placement of graphics on product sits as intended by student
Make	Production of final product adhering to Health and Safety rules
Finishing	Adding any further details to final piece to final format
Evaluation	Group feedback, re-assess for any improvements.

- **Research:** Gather information on different graphic designs, materials, and functions
- **Sketching:** Draw initial ideas of what the image will look like
- **Planning:** Create detailed plans, including measurements and material requirements
- **Making:** Cut, shape, and assemble the materials
- **Finishing:** Add any graphic details to final piece and format image to make original design
- **Evaluation:** Assess the durability and appearance of the finished t-shirt/tote bag
- **Adhere to Health & Safety Rules at all times**

Research your design of graphics and develop your idea through sketching



Format images to create different visuals and original designs



Use the correct tools and materials to achieve desired outcome



Make final original and formatted design. Reflect on design and get feedback.  
At all times adhering to Health & Safety Rules