

# **Learning Journey Map** Year 9 DESIGN



Move on to

**Year 10** 

### **SKILS DEVELOPED**

Tools	
	Scroll saw Coping saw Files Pillar drill Glass paper Belt faced Sander Vacuum Forming machine
	Corel Draw Autodesk Inventor

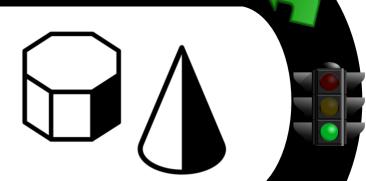


- > Health and safety
- ➤ Marking out accurately
- ➤ Cutting & drilling
- > Filing, sanding
- ➤ Paint application
- ➤ Photo and Evaluate



### **Design 3-D product**

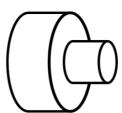
- ➤ Brief and Analysis
- ➤ Ideas
- ➤ Develop Idea
- > Final Design
- **>** POM

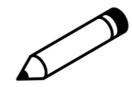




#### 3-D drawing and presentation

- > Trace isometric shapes
- Draw isometric shapes using graph paper
- > Draw isometric shapes
- > Thick and thin fine line
- > Tonal colour shading









# **Vacuum forming project**

- ➤ Make mould using MDF
- > Vacuum form mould
- Generate graphics using CorelDraw
- > Pour resin
- Photo and evaluate



### **Vacuum forming project**

- ➤ Brief and Analysis
- > Range of Ideas
- ➤ Good communication skills
- > Presentation techniques
- > Pride and ownership
- > Develop one idea
- Draw out Final Design

### **Introduction to the department**

- ➤ Simple Design and make task
- > Full Health and Safety



## **SKILLS TAUGHT ACROSS DESIGN**

- 1) PRESENTATION DRAWINGS
- 2) **WORKSHOP SKILLS**
- 3) **COLOUR APPLICATION**
- 4) **ISOMETRIC SRAWING**
- 5) **COMPUTER AIDED DESIGN**

6) **COMMUNICATION**  **CREATIVITY & EFFORT** 



