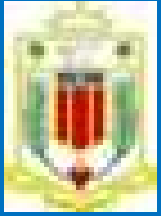


Year 8  
approx. 18  
lessons

# KS3: Year 8 Product



## Smart Phone stand

**Prior knowledge :**

**Skill development :**

**Workshop skills**

Practical skills and knowledge of cutting techniques and workshop machinery



**Product analysis and design brief:**

Examination of the key features of a design brief and context with product analysis to understand the design problem

**Skill development :  
Workshop skills**

Students will develop the skill of filing and finishing plastics. They will also learn to use the strip heater and apply knowledge to create their product.



**Plastics Theory**

Gain an understanding of plastic theory and its environmental impact

**Skill development :  
Modelling & Design development**

Development of paper modelling, drawing and annotating skills . Students will produce designs of make up stands using plastics.

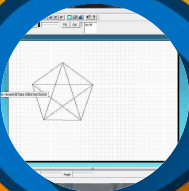


**Product designer:  
Ettore Sottsass**

Detailed profile of product designer identifying the key features of his work.

**Skill development :  
CAD Software**

Create final designs on 2D Design (CAD) to prepare for laser cut manufacture (CAM)



**Evaluation of outcome**

Development of the ability to evaluate the project explain using technical language and key terms

**Health and Safety**

Health and safety awareness used throughout the project in a workshop environment.



**End Of unit assessment based on NC descriptors**

- Design investigation
- Design development
- Make
- Evaluate

To Year 9 ...



Technical knowledge