



# Year 9 Pewter

## Specification Terms

Form - The shape of a given product.  
Being able to describe the shape and how the shape benefits the user.

Function - What the product does.  
How does it work? The product might require a range of functions

## Design Movements

Art Deco - The principles of Art Deco were geometric shapes, smooth lines, stream-lined forms and colours that were bright and cheerful.



Memphis Group – A 1980's Italian design and architecture group. Their design focuses on form rather than function. It is a unique style. Bright and geometric.

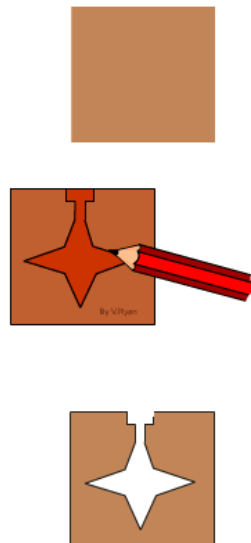


## Keywords

Pewter  
Acrylic  
Hardboard  
Specification  
Manufacture  
Chamfer  
Finish  
Aesthetics

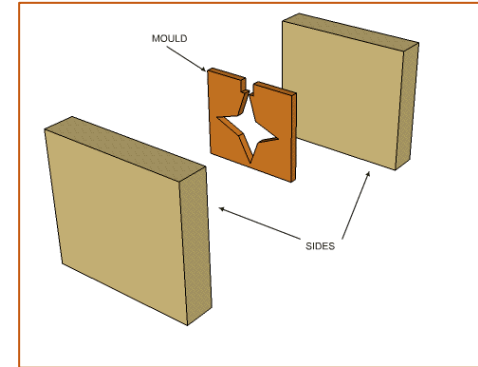
## Development

Modifying a design to make improvements so the product meets your client's needs and specification



## Quality Finish

- Cut off sprue
- File surface
- Use a range of abrasive papers
- Polish



## Annotation

- How does the design meet your specification points?
- How have you been influenced by your research?
- What materials will it be made from and why?
- Are all the parts labelled?
- How will it be made?
- Is the shape good? Why?
- Will my client like it? How do you know this?
- What changes have you made and why?

## Higher Level Expectation

You will go back to the points that you wrote when writing your specification and read them. You will then say how you have met the points when annotating.

**E.g. My design meets my function specification point because it holds pencils, sticky notes and a mobile phone.**

# Ferrous Metals.

## Ferrous metals:

- Contains Iron (FE)
- Prone to rusting if exposed to moisture
- Can be picked up by a magnet.

## Examples:

1. Mild Steel.
2. Cast Iron.
3. High Carbon Steel.
4. High Speed Steel.
5. Stainless Steel.



**Rusting.**



**Magnetism.**

# Non – Ferrous Metal.

## Non-Ferrous Metals:

- Does NOT contain Iron.
- Does not attract a magnet.
- Does not rust in the same way when exposed to moisture.

## Examples:

1. Aluminium.
2. Copper.
3. Zinc.
4. Tin.
5. Lead.
6. Silver.
7. Gold.
8. Magnesium.

