

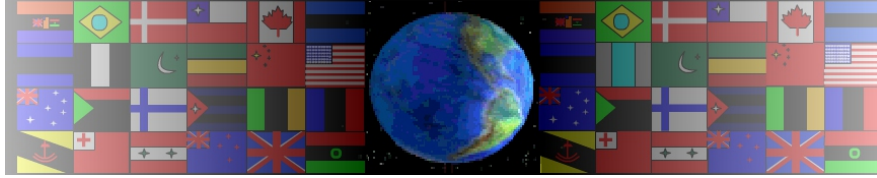
# REVISION CARDS - METAL FINISHES - 5

## METAL - LACQUERED FINISH

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On behalf of The World Association of Technology Teachers

# W.A.T.T.



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# REVISION CARDS - METAL FINISHES - 5

## METAL - LACQUERED FINISH - 1

Many metals suffer from surface tarnishing and even corrosion, if left open to the atmosphere / air. Surfaces can be protected through the application of different finishes such as paint or powder coating. However, sometimes the surface of metals can be attractive without a coloured coating. This is when lacquer is most useful. Lacquer is usually applied as a clear coating, leaving the surface texture on view. Lacquer forms a protective clear layer on metals and is particularly useful on brass, aluminum, silver and copper which are often in the form of decorative items. When lacquered, polishing and cleaning will no longer be required.

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## METAL - LACQUERED FINISH - 2



Lacquer is used on brass ornaments and on the surface of finely machined steel. This ensures that the surface remains as clean and polished / machined, as the day the initial finish was applied.

Materials to be lacquered must have a clean surface, with all dirt / grease removed. Lacquer should be applied in a dust free environment, with the workers wearing appropriate protective clothing and a breathing mask. The spray 'can' version of lacquer is the easiest to apply.

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## LACQUERED METAL PRODUCTS



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1. Why is clear lacquer regarded as a suitable finish for metal? 4 marks

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2. List four types of product that are sometimes finished with lacquer? 4 marks

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