

GENERAL MATERIALS - QUESTIONS AND ANSWERS

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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1. A range of products and materials from which they are manufactured are listed below. Explain/describe why each material has been selected for corresponding product.

Consider:

The function(s) of each product.

The style and aesthetics of each product.

The manufacturing processes through which each product is manufactured.

<u>MATERIAL</u>	<u>PRODUCT</u>
A. Polycarbonate (PC)	Security Window 'Glass'
B. Silver	Jewellery
C. Holographic card	Decorative craft uses
D. Degradable polymers	Plastic shopping bags
E. Aero-ply	Furniture

A. _____

IMPACT RESISTANT SHATTER PROOF TRANSPARENT LIGHTWEIGHT

B. _____

SMALL SCALE CASTING VALUABLE PRECIOUS POLISHED

C. _____

GIFT TAGS BIRTHDAY CARDS BRIGHT REFLECTIVE PACKAGES

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D.

DISSOLVE/DEGRADE CARBON DIOXIDE WATER ENVIRONMENTALLY FRIENDLY

E.

CURVE SHAPES LAYERS/LAMINATING PVA FORMER/MOULD