

# MANUFACTURING PROCESSES QUESTIONS

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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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# MANUFACTURING PROCESSES QUESTIONS

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1. A number of manufactured products can be seen in the table below. Enter the manufacturing process in the second column. In the third column, add your own description of the process.


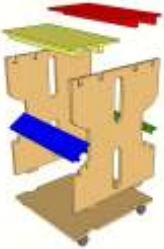
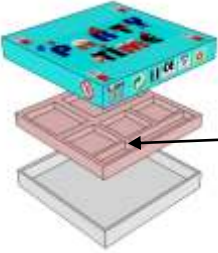


**ASSEMBLY:** Furniture arrives disassembled (in 'bits'). It is then assembled on site/in the home.

**PRINTING:** A process whereby ink is applied to paper and card.

**CASTING:** A process whereby metal is heated until to becomes molten and is then poured into a mould.

**BLOW MOULDING:** Plastic granules are heated and become fluid. The plastic is forced into a mould. Then air is forced into the mould, forming a hollow shape.

**VACUUM FORMING:** A sheet of plastic (polystyrene) is placed on a vacuum forming machine. The plastic is heated and forms a shape. Ideal process for packaging.

MANUFACTURED PRODUCT	PROCESS NAME	YOUR DESCRIPTION
 <p><b>PEWTER NECKLACE</b></p>		
 <p><b>STORAGE UNIT</b></p>		
 <p><b>PLASTIC TRAY</b></p>		
		
	<p><b>PRINTING</b></p>	<p>Ink is pressed on to paper forming shapes, letters and words. Often carried out on an industrial scale. E.g. the newspaper industry.</p>