

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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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.



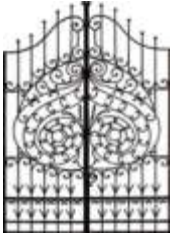
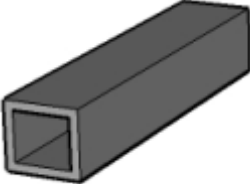

EXTRUSION: Material is forced / pushed through a die to form a uniform, cross-sectional shape. Applies to plastics, metals, concrete and ceramics.

COMPRESSION MOULDING: A 'slug' of thermoplastic is heated, becomes soft and is then pressed in a machine, to form a shape.

WOOD TURNING: A process that involves shaping wood on a woodworking lathe, so that it becomes round section.

HOT FORGING: Steel is heated to red heat and shaped by special hammers and an anvil or by machines.

GALVANISING: An outer layer of zinc is applied to the surface of steel to protect it from rust.

MANUFACTURED PRODUCT	PROCESS NAME	YOUR DESCRIPTION
 TRADITIONAL LAMP STAND		
 PLASTIC TRAY		
 WROUGHT IRON GATE		
 PLASTIC / STEEL TUBE		
 STEEL BOLT FOR USE OUTSIDE		