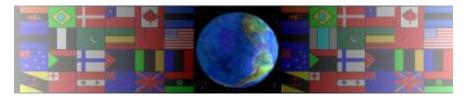
STREET FURNITURE - PUBLIC BENCH - MATERIAL SELECTION

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet.

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THE MANUFACTURE OF STREET FURNITURE - PUBLIC BENCH

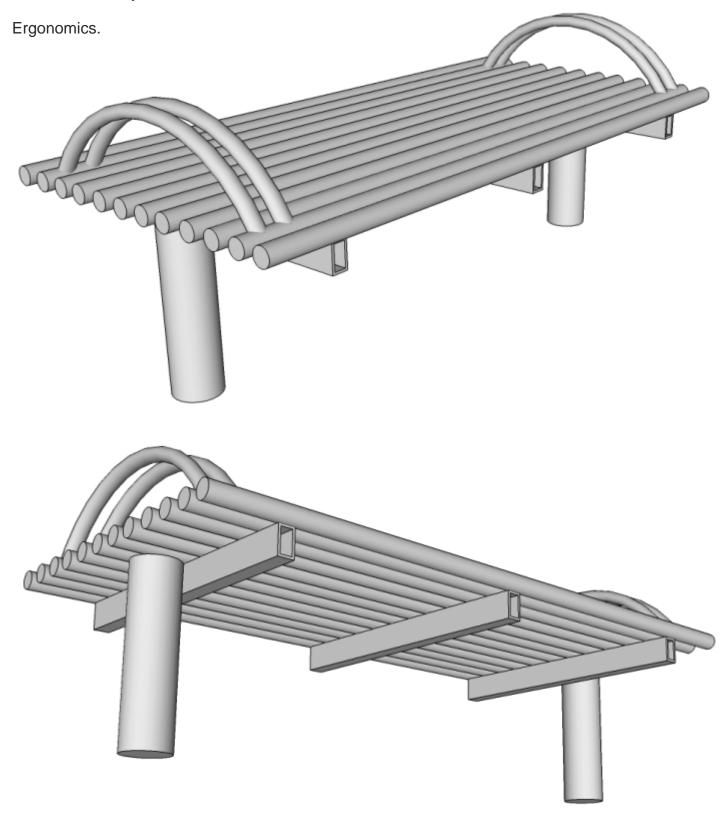
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Study the photographs of the bench shown below.

Pay particular attention to potential materials for manufacturing the bench.

Consider the processes involved in its manufacture.

Health and Safety.



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Name a specific metal which could be used in the manufacture of the bench.										
Explain why you haphrases:	ave chos	en the m	etal named	above. You	may wish to	consider t	he followin	g key w	ords/	
ROUND SECTION	I TUBE	LIGH	Г WEIGHT	STRING	AND STUR	DY NU	JMEROUS	SUPP	LIERS	
PHYSICAL PROPERTIES	STRENGTH		TENSILE	STRENGTH	d DUCT	ILITY	MALLEABLI		COST	
MANUFACTURING PROCESSES	G N	//ACHINE	-ABILITY	PAINT	PAINT PLASTIC		COATING		GALVANISED	
		WE	LDING C	ORROSION	I RESISTAN	ICE				