ustrial Technology	Clamping Devic	e Situation and Design Brief
Situation		Brief
	design and make a Clamping Device that will elease.	
Points to consider,	in relation to Assessment Objective 1	
	ould be carried out into the process of clampir commercial application;	ng
 candidates of clamps. 	should carry out experiments and trials of a ra	nge
	should ensure their Clamping Device design I able to secure plasic with a drilling jig held al	
 the design s application 	pecification should be appropriate to the ofclamping.	
•	should take into account how repeated use n be assured;	and
 candidates should identify and collect appropriate data from the investigation, analysis and evaluation of existing similar products. 		om the

	Industrial Technology			Clamping Device	Task Analysis	
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-	Warren Comprehensive	School - 12111			Name:	No:

Industrial Technology	Clamping Device Res	earch – Existing Products	
Warren Comprehensive School - 12111		Name:	No:

Industrial Technology		Clamping Device	Research	Clamps	-
Warren Comprehensive School - 12	111			Name:	No:

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Industrial Technolog	v	Clamping Device	Research – Existing Products	

Industrial Technology	Clamping Device	Research	Experiment	
Warren Comprehensive School - 12111		Name	:	No:

Industrial Technology

Clamping Device Research : Tools & Equipment that apply force

Industrial Technology	Clamping Device	Research:	Mechanisms	
Warren Comprehensive School - 12111		Name:		No:

Industrial Technology	Clamping Device	Research : Mechanical Advantage	

Industrial Technology	Clamping Device Rese	earch: Survey	
Warren Comprehensive School - 12111		Name:	No:

-	Industrial Technology		Clamping Device	Resea	arch Summary		
	Warren Comprehensive School -	12111			Name:	No:	

Industrial Technology	Clamping Device	Design Specification	
	1	News	Net
Warren Comprehensive School - 12111	<u>}</u>	Name:	No:

Industrial Technology		Clamping D	evice In	itial Ideas		
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Warren Comprehensive School - 12111				Name:		No:

Industrial Technology		Clamping Device		Initial Ide	eas	
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Warren Comprehensive School - 12111				Name:		No:

Industrial Technology	Clamping Device	Selected Design Idea	
Details:			
Materials:			
Warren Comprehensive School - 12111		Name:	No:

	_			
Industrial Technology		Clamping Device	Development of chosen Idea	
Details:				
Materials:				
Warren Comprehensive	School - 12111		Name:	No:

Industrial Technology	Clamping Device	Development of chosen Idea	
Details:			
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Materials:			
Warren Comprehensive School - 12111	1	Name:	No:

-[Industrial Technology	Clamping Device	Development of chosen Idea	
	Details:			
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	Vaterials:			
Γ	Warren Comprehensive School - 12111		Name:	No:
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Specification Point	Idea 1 Id	ea 2 Ide	ea 3 Idea	a 4 The design criteria is:	n that fulfils most of the

Industrial Technology	Clamping Device	Development	
Materials:		Method of production:	
		News	N
Warren Comprehensive School - 12111		Name:	No:

Industrial Technology	Clamping Device	Development of Idea - Modelling	
Modelling		Photographs	
How the model was construct? (Including materials us	sed)		
What did the model confirm?			
Describe any findings the model brought to your atter	ntion.		
What changes were made to the final design, due to m	odelling.		
Summary:			
Warren Comprehensive School - 12111		Name:	No:

Industrial Technology Clamping Device Rough Drawing – Final Design	-
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This sheet shows rough sketches of the final product. It Includes dimensions, details of individual parts and how they might fit together and materials to be used.

Warren Comprehensive School - 12111	Name:	No:

Industrial Technology	Clamping Device	Final Design	
 3D drawing Exploded diagram Orthographic drawing Finishing 			
Warren Comprehensive School - 12111		Name:	No:

	Industrial Technology	Clamping Device	Final Specification	_
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_	Warren Comprehensive School - 12111		Name:	No:

dustrial Technology		Cla	amping Device	Cutt	ing List	
Part	Quantity	Length	Width	Thickness	Material	Cost
	_					-



	Industrial Technology	<u> </u>	Clamping Device	Evaluation against Specification	on
Г					
	Warren Comprehensive	School - 12111		Name:	No:

Industrial Technology	Clamping Device	Testing	
Warren Comprehensive School - 12111		Name:	No:

Industrial Technology	Clamping Device	Final Evaluation	
Warren Comprehensive School - 12111		Name:	No:

Industrial Technology	Clamping Device	Modifications and Improvements	
Warren Comprehensive School - 12111		Name:	No:

Industrial Technology	Clamping Device - Section: F	hoto Gallery
Warren Comprehensive School - 12111		Name: No: