Situation

You are required to design and make an Embossing Tool that will emboss a 6mm steel washer into a business card.

Points to consider in relation to Assessment Objective 1

- research should be carried out into the process of embossing and its wide commercial application;
- candidates should carry out experiments and trials of the embossing process.
- candidates should ensure their embossing tool design is suitable and achievable;
- the design specification should be appropriate to the application of embossing. The product should take into account how repeated quality and accuracy can be assured;
- candidates should identify and collect appropriate data from the investigation, analysis and evaluation of existing similar products.

Brief

Name: No:

	Industrial Technology	Embossing Tool	Task Analysis	
Ц	Warren Comprehensive School - 12111		Name:	No:

	Industrial Technology		Embossing Tool	Research – Existing Products	
Ц	Warren Comprehensive	School - 12111		Name:	No:

\dashv	Industrial Technology		Embossing Tool	Research	– Embossing Process	3	
_[Warren Comprehensive	School - 12111			Name:		No:

_	Industrial Technology	Embossing Tool	Poso	earch – Existing Products	
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	Industrial Technology		Embossing Tool	Research;	Embossing	Experiment	Ī
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Industrial Technology	Embossing Tool	Research:	Tools & Equipment that apply force	
Warren Comprehensive School - 12111			Name: No:	

	Industrial Technology	Embossing Tool	Research:	Mechanisms		brack
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	Industrial Technology	Embossing Tool	Researc	h: Mechanical Advantage	
Ц	Warren Comprehensive School - 12111			Name:	No:

	Industrial Technology	Embossing Tool	Research:	Survey	
Щ	Warren Comprehensive School - 12111		Nam	e:	No:

\prod	Industrial Technology]		Embossing Tool	Resea	rch Summary	
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	Warren Comprehensive	e School - 12111				Name:	No:

Industrial Technology	Embossing Tool	Design Specification	
Warren Comprehensive School - 12111		Name:	No:

—[Industrial Technology		Embos	sing Tool	Init	tial Ideas		
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	Industrial Technology			Embossing Tool		Initial Ideas		
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	Warren Comprehensive Sch	001 - 12111				Name:	No:	

Industrial Technology	Embossing Tool	Selected Design Idea	
Details:			
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Materials:			
Warren Comprehensive School - 12111		Name:	No:

	Industrial Technology		Embossing Tool	Development of chosen Idea	
L [Details:				
	Details.				
	Materials:				
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	Warren Comprehensive School - 12	111		Name:	No:

	Industrial Technology		Embossing Tool	Development of chosen Idea	
Γ	Details:				
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	Warren Comprehensive	e School - 12111		Name:	No:

	Industrial Technology	Embossing Tool	Development of chosen Idea	
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	Details:			
	Materials:			
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	Warren Comprehensive School - 12111		Name:	No:

Industrial Technology		Emboss	ing Tool E	valuating Idea	as against the Design Specification
Specification Point	Idea 1	Idea 2	ldea 3	Idea 4	The design that fulfils most of the criteria is:

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Name:

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	Industrial Technology		Embossing Tool		Development	
Г	Materials:			Method of p	production:	
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	Warren Comprehensive	e School - 12111			Name:	No:

Modelling

How the model was construct? (Including materials used)

What did the model confirm?

Describe any findings the model brought to your attention.

What changes were made to the final design, due to modelling.

Summary:

Photographs

Warren Comprehensive School - 12111

Name:

No:

Industrial Technology		Embossing Tool	Rough Drawing – Final Design						
This sheet shows rould It Includes dimensions	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.								
	e, estane e. marriada para	- 2	and materials to be used.						
Warren Comprehensive	School - 12111		Name:	No:					

Industrial Technology	Embossing Tool	Final Design	
 3D drawing Exploded diagram Orthographic drawing Finishing			
Warren Comprehensive School - 12111		Name:	No:
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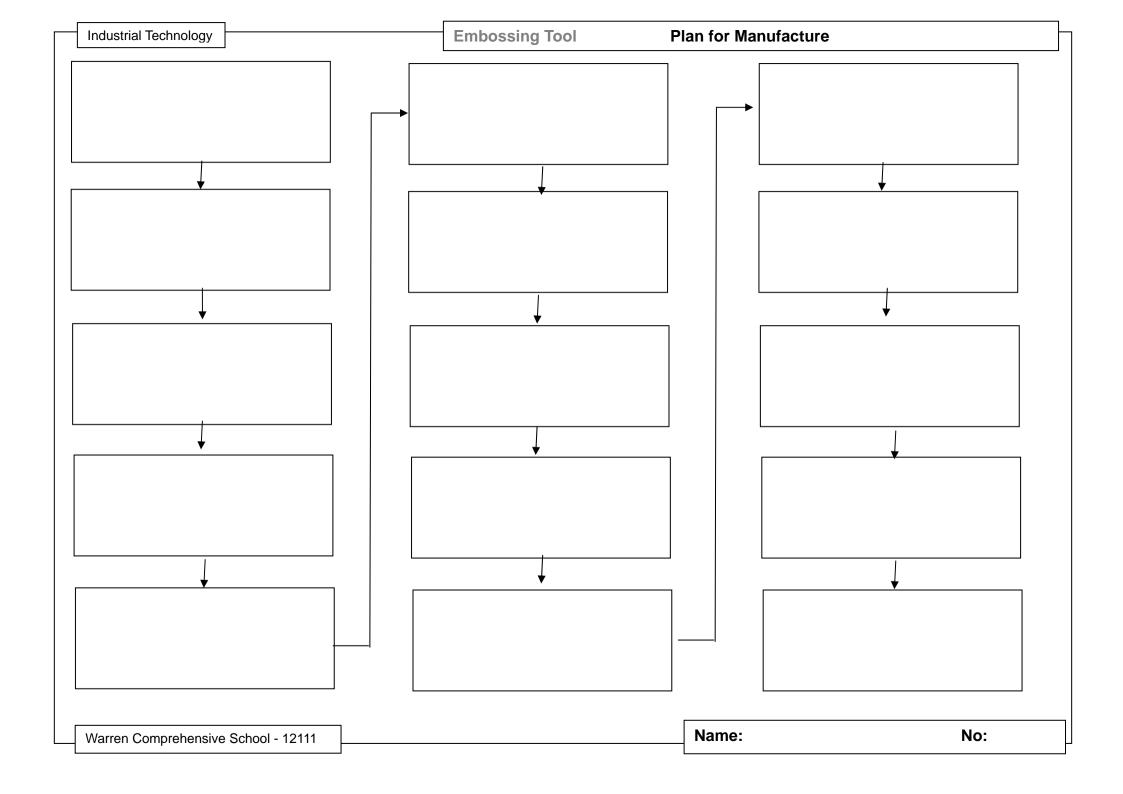
	Industrial Technology	Embossing Tool	Final Specification	
L				
	Warren Comprehensive School - 12111		Name:	No:

Industrial Technology Embossing Tool

Part	Quantity	Length	Width	Thickness	Material	Cost

Name: No:

Cutting List



\dashv	Industrial Technology		Embossing Tool	Evaluation against Specification	n
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	Warren Comprehensive School - 12	2111		Name:	No:

Industrial Technology		Embossing Tool	Testing	
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Warren Comprehensive School - 12111			Name:	No:

\dashv	Industrial Technology		Embossing Tool	Final Evaluation	
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-	Warren Comprehensive School - 12111			Name:	No:

	Industrial Technology	Embossing Tool	Modifications and Improvements	
 	w o		Name:	No
Ч	Warren Comprehensive School - 12111		Name:	No:

Industrial Technology	Embossing Tool - Section: F	Photo Gallery	
Warren Comprehensive School - 12111		Name:	No: