



KS4 Yr 11 Key Word Bank (Product Design)



Term	Topic/s	Key Words (with definitions if applicable)	
Autumn Term 1	C/WK	Problem	Ideas
		Brief	Development
		Analysis	Synthesis
		Research	Specification
		Solution	Manufacture
Autumn Term 2	C/WK	Potential customer	Overall Quality
		Aesthetics	Function (Does it work/ What does it do?)
		Materials	Shape and Form
		Cost	Safety (CE)
		Construction	Quality
Spring Term 1	C/WK/Theory	Aesthetics	Isometric
		Ergonomics	Continuous Production
		Third Angle	Crowd Funding
		Orthographic	Vacuum Forming



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		Injection Molding	Rebate Joint
Spring Term 2	C/WK/Theory	Time scale	Accuracy
		Criteria	Proportion
		Performance	Chronological
		Plan of action	Working order
		Measurement	Scale
		Tolerance	Duration
Summer Term 1	Theory	Mechanisms:	
		Cam	Profile
		Follower	Gear
		Driver	Driven
		Gear Train	Idler
		Rack and Pinion	Shaft
Summer Term 2	Theory	Time scale	Accuracy
		Criteria	Proportion



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	Performance	Chronological
	Plan of action	Working order
	Measurement	Scale
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