

....Educating Global Citizens

Year Level Plan	Year 10	Business, Digital and	l Design Technologies	
		Food and Fibre / Food Specialisation		
Overview				
The Technologies curriculum prov	vides students with opportunities to consider ho	w solutions that are created now will be used in the future. Students will identify th	e possible benefits and risks of creating solutions. They will use critical and creative	) thi
	e Technologies curriculum, they will begin to ide nd risks will vary and that preferred futures are		elop solutions to meet needs considering impacts on liveability, economic prosperity	ı an
• Design and Technologies, in	which students use design thinking and tec	hnologies to generate and produce designed solutions for authentic needs a	nd opportunities	
	5	n learning about and working with traditional, contemporary and emerging technolo nd collaboratively, that meet current and future needs.	gies that shape the world in which we live. This learning area encourages students	to
The practical nature of the Techn reviewing processes to realise ide		cal and creative thinking, including understanding interrelationships in systems wh	en solving complex problems. A systematic approach to experimentation, problem	-SO
Brief Description of Subject				
Learning in Design and Technolog	gies builds on concepts, skills and processes de	eveloped in earlier years, and teachers will revisit, strengthen and extend these as	needed.	
5	11 , 8 1	5	s contexts content descriptions. There is one optional content description for each o Ild have opportunities to experience creating designed solutions for products, service	
Problem-solving activities acknow	ledge the complexities of contemporary life and	make connections to related specialised occupations and further study. Increasing	olutions to identified needs or opportunities of relevance to individuals and regional a gly, study has a global perspective, with opportunities to understand the complex in d using strategies such as life cycle thinking. Students use creativity, innovation and	nter
		niques to communicate, students generate and represent original ideas and produ narketing and use graphic visualisation software to produce dynamic views of virtu	uction plans in two and three-dimensional representations using a range of technica al products.	ıl dr
			h as sequenced time, cost and action plans to manage a range of design tasks safe aintaining safety standards and management procedures to ensure success. They	
Unit 1 - Food and fibre product	ion: Being You	Unit 2 - Food and fibre production: A Sustainable World	Unit 1 - Food specialisations: Make a Smart Food Choice	Ur
They critically analyse factors (inc impact on designed solutions. The	dgments on the production of food and fibre. cluding social, ethical considerations) that ey then apply design thinking as they develop nment that enhances food and fibre	Students investigate and make judgments on the ethical and sustainable production and marketing of food and fibre. They critically analyse factors (including social, ethical and sustainability considerations) that impact on designed solutions for global preferred futures. They then apply design thinking as they develop a proposal for an innovative managed environment that enhances food or fibre production in a specific context.	Students investigate and make judgments on how the principles of food safety, preparation, presentation and sensory perceptions influence the creation of food solutions. They critically analyse factors - social, ethical that impact on designed solutions for global preferred futures and apply design thinking as they develop a specialised food product, service for a challenging client.	St pro cre (in glo foo



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apply their knowledge and practical skills and processes when using

lving, prototyping and evaluation instils in students the value of planning and

he following: Engineering principles and systems, Food and fibre production, s and environments.

d global communities. Students work independently and collaboratively. rdependencies involved in the development of technologies and enterprises. enterprise skills with increasing confidence, independence and collaboration. drawings including perspective, scale, orthogonal and production drawings

. They apply management plans, changing direction when necessary, to arn to transfer theoretical knowledge to practical activities across a range of

## Init 2 - Food specialisations: Solving Food Problems

tudents investigate and make judgments on how the principles of food safety, reservation, preparation, presentation and sensory perceptions influence the reation of food solutions for healthy eating. They critically analyse factors including social, ethical considerations) that impact on designed solutions for lobal preferred futures and apply design thinking as they develop a specialised bod product, service or environment for a challenging client e.g. The Elderly.