

Level A	Level B	Level C	Level D	Foundation – Level 2	
Technologies and Society					
Experience how people create familiar designed solutions to meet their needs	Explore the use of familiar designed solutions to meet their needs	Match familiar designed solutions to the personal needs they meet	Explore how people create familiar designed solutions and identify their ability to meet personal and local community needs	Identify how people create familiar designed solutions and consider sustainability to meet personal and local community needs	
Technologies Contexts					
Experience the characteristics and properties of familiar designed solutions in at least one technologies context	Explore the characteristics and properties of familiar designed solutions in at least one technologies context	Examine and indicate the characteristics and properties of familiar designed solutions in at least two technologies contexts	Explore and communicate the characteristics and properties of familiar designed solutions in at least two technologies contexts	Engineering principles and systems	
				Explore how technologies use forces to create movement in designed solutions	
				Food and fibre production	
				Explore how plants and animals are grown for food, clothing and shelter	
				Food specialisations	
				Explore how food is selected and prepared for healthy eating	
Materials and technologies specialisations	Explore the characteristics and properties of materials and components that are used to create designed solutions				
	Creating Designed Solutions				
	React to a designed solution that has been created and produced safely to meet their needs	Experience and explore how designed solutions are created and produced safely to meet personal needs	Examine and indicate how designed solutions are created and produced safely to meet needs	Explore and communicate how designed solutions are generated and produced to meet needs	Investigating
					Explore needs or opportunities for designing, and the technologies needed to realise designed solutions
					Generating
					Visualise, generate, and communicate design ideas through describing, drawing and modelling
Producing					
Use materials, components, tools, equipment and techniques to produce designed solutions safely					
Evaluating					
Use personal preferences to evaluate the success of design ideas, processes and solutions including their care for environment					
Planning and managing					
Sequence steps for making designed solutions					
Achievement Standard					
By the end of Level A, students react to significant designed solutions that meet their needs. With guidance, students experience designed solutions in at least one technologies context. They begin to communicate their needs and indicate a choice or preference through accept and reject actions. Students react to the use of tools and equipment and experience the sequenced steps involved in producing a designed solution.	By the end of Level B, students are using some familiar designed solutions appropriately to meet their needs. With guidance, students explore designed solutions in at least one technologies context. They experience designed solution ideas and select materials and components based on personal preferences. Students follow a design process step by step and use tools safely when prompted.	By the end of Level C, students use and identify the purpose of familiar designed solutions. They match some designed solutions to a need. Students use designed solutions in at least two technologies contexts. With guidance, students reflect on created and produced designed solutions, developing ideas based on personal preferences. They begin to follow simple sequenced steps and teacher direction to use tools and equipment safely when producing designed solutions.	By the end of Level D, students describe the purpose of familiar designed solutions and what needs they meet. Students use designed solutions in at least two technologies contexts, identifying significant features. With guidance, students create designed solutions evaluating their ideas based on personal preferences. They select materials based on some understanding of their properties and characteristics. They follow simple sequenced steps to create a designed solution and demonstrate safe use of tools and equipment.	By the end of Level 2, students describe the purpose of familiar designed solutions and how they meet the needs of users and affect others and environments. They identify the features and uses of some technologies for each of the prescribed technologies contexts. With guidance students create designed solutions for each of the prescribed technologies contexts. They describe given needs or opportunities. Students create and evaluate their ideas and designed solutions based on personal preferences. They communicate design ideas for their designed solutions, using modelling and simple drawings. Following sequenced steps, students demonstrate safe use of tools and equipment when producing designed solutions.	