

Progress Ladder

D&T KS3 Progress Ladder

Progress ↑	Evaluate ingredient functionality with reference to nutritional and sensory knowledge.	Evaluate your work, demonstrating a wide range of technical knowledge and understanding.	Autonomously create detailed designs using a wide range of techniques with precision. Technical drawings are to BS8888.	Autonomously use CAD/CAM to design and make a complex product with precision.	Autonomously make a complex product and use tools & equipment with precision.	Respond to independent self-assessment.	Apply mathematical skills to new and unseen scenarios.
	Select and justify the use of ingredients in terms of nutrition, function and sensory quality.	Justify your work, demonstrating a wide range of technical knowledge and understanding.	Independently create detailed designs using a wide range of techniques with general accuracy.	Independently use CAD/CAM to design & make a complex product.	Independently make complex products and use tools & equipment with accuracy.	Respond to independent self-assessment.	Link more than one mathematical idea together.
	Explain the importance of healthy eating and explain ingredient functions.	Explain a range of techniques demonstrating technical knowledge and understanding.	Create simple designs using a range of techniques with limited guidance.	Use CAD/CAM to design and make a product with limited guidance.	Make products with skill and use tools & equipment with limited guidance.	Respond to teacher led self-assessment.	Manipulate/ rearrange information to solve a problem.
	Describe some of the principles of healthy eating.	Describe some techniques demonstrating some technical knowledge and understanding.	Create simple designs with some support.	Use CAD/CAM with some support.	Make simple products and use tools & equipment with some support.	Respond to others' feedback.	Choose what information to use to solve a problem.
	Identify the different food groups with some knowledge.	Identify some techniques and demonstrate some technical knowledge.	Create simple designs with support.	Use CAD/CAM with support.	Make simple products and use tools and equipment with support.	Try once.	Complete basic calculations.
	FOOD AND NUTRITION KNOWLEDGE & UNDERSTANDING	KNOWLEDGE AND UNDERSTANDING	DESIGN	CAD/CAM	MAKE	PERSISTENCE	NUMERACY