Trimley St Mary Primary School - Assessment in the Foundation Subjects. Subject :-Design Technology Milestone Two___

Learning Objective	Key Indicators	Basic Name, describe, follow instructions or methods, complete tasks, recall information, ask basic questions, use, match, report, measure, list, illustrate, label, recognise, tell, repeat, arrange, define, memorise	Advancing Apply skills to solve problems, explain methods, classify, infer, categories, identify patterns, organise, modify, predict, interpret, summarise, make observations, estimate, compare	Deep Solve non-routine problems, appraise, explain concepts, hypothesise, investigate, cite evidence, design, create, and prove.
Food	Prepare ingredients hygienically using appropriate utensils	When reminded, appropriate utensils are chosen to safely and hygienically prepare food.	Appropriate utensils are chosen to safely and hygienically prepare food.	Appropriate utensils are chosen to safely and hygienically prepare food, with clear explanations for the choices made.
	Measure ingredients to the nearest gram accurately	With support from a teacher	Generally accurately	Consistently accurate, using a variety of scales.
Materials	Cut materials accurately and safely by selecting appropriate tools.	When reminded, appropriate tools are chosen to safely cut materials.	Appropriate tools are chosen to safely cut materials.	Appropriate tools are chosen to safely cut materials, with clear explanation of the choices made.
	Measure and mark out to the nearest millimetre.	With support from a teacher	Generally accurately	Consistently accurate, using a variety of scales.
	Apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material such as slots , cut-outs	With support from a teacher, appropriate techniques are used to cut and shape materials.	Appropriate techniques are generally chosen to used to cut and shape materials.	Appropriate techniques are chosen to used to cut and shape materials, with clear explanation for the choices made.
	Select appropriate joining techniques.	When reminded, appropriate joining techniques are used.	Appropriate joining techniques are generally selected and used well.	Appropriate joining techniques are selected and used to good effect, with reasons for choices clearly explained.
Outcomes				

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Textiles	Understand the need for a seam allowance	When demonstrated by a teacher and support provided appropriate allowances are made when joining fabrics	Generally, appropriate allowances for joining fabrics are used.	Accurate and well-planned allowances for joining fabrics are used.
	Join textiles with appropriate stitching	When demonstrated by a teacher appropriate stitching is attempted with some good effects.	Generally, stitching is appropriate to the product and effective	Confident and carefully chosen stitching suitable for product's purpose, is well executed.
	Select the most appropriate techniques to decorate textiles	When reminded, appropriate techniques are used to decorate textiles.	Generally, appropriate techniques are used to decorate textiles.	Excellent choices of appropriate techniques provide interesting and eye catching textile decorations.
Electricals and electronics	Create series and parallel circuits	When reminded, by a teacher, knowledge of science is applied to create series and parallel circuits in products.	Generally, knowledge of science is applied well to create series and parallel circuits in products.	Science knowledge is readily applied to good effect in creating series and parallel circuits in products.
Construction	Choose suitable techniques to construct products or to repair items	When reminded by a teacher, suitable techniques are used to construct products or repair items.	Suitable techniques are generally used to construct or repair items.	Suitable techniques are chosen and justified when constructing or repairing items.
Mechanics	Use scientific knowledge of the transference of forces to choose appropriate mechanisms for a product such as levers, winding mechanisms, pulleys and gears.	When reminded, knowledge of science is applied to creating mechanism products.	Generally, knowledge of science is applied to creating mechanism products.	Knowledge of science is readily applied when creating mechanisms and products.
Outcomes				

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To design, make evaluate and improve	Design with purpose by identifying opportunities to design	During structured activities opportunities for design are realised.	Generally there is a good understanding of opportunities for design.	Excellent examples of suggestions for design show an in= depth understanding of the need for design.
	Make products by working efficiently (such as by carefully selecting materials)	When supported by a teacher, appropriate materials are selected.	Planning of workflows and careful selection of materials means work is generally carried out efficiently.	Very efficient work flows and well-reasoned choices of materials make work very efficient.
	Refine work and techniques as work progresses, continually evaluating the product design.	When encouraged, techniques are refined throughout a project to improve the design.	Generally, designs are evaluated and refined throughout a project.	Designs are continually evaluated and improved throughout a project, resulting in high-quality products.
To take inspiration from design throughout history	Identify some of the great designers in all of the areas of study (including pioneers in horticultural techniques) to generate ideas for design.	With support from a teacher, some of the most notable designers' work is examined to provide inspiration for ideas.	A growing knowledge of a range of notable designers is used to provide inspirations for designs.	An in-depth knowledge of some notable designers provides inspiration and ideas for designs.
	Improve upon existing designs, giving reasons for choices.	With support from a teacher existing designs are evaluated and improvements made.	Generally, some opportunities for improving existing designs are made, giving reasons for choices.	Many good opportunities for developing existing designs are noticed and acted upon.