



Buckden CE Primary Design Technology

Progression of Knowledge



Structures

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
To know that 2 materials can be joined together	To know what a freestanding structure is To know that a tab can strengthen a join	To know how to join wood together with support	To know how to make a net To know that a net can be made into a structure		To know how to independently join pieces of wood together	

Mechanisms

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
To know that pushing a vehicle makes it move	To know that a vehicle needs wheels and axels	To know the function of a lever and a slider	To know that a vehicle can be moved by magnetic force	To know what the function of a pivot is To know the function of a pulley		

Electrical

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
					To know that an electrical circuit can move a part of a structure	To know that an electrical circuit can be discreetly hidden inside a product



Textiles

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
To know that fabric can be joined together	To know how to join fabrics without stitching	To know how to do running stitch	To know how to do cross stitch	To know how to do overstitch	To know how to choose the correct stitch to make create the desired project	To know how to stitch securely so that the project can be stuffed with padding

Food

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
To know about basic food hygiene To know that an oven is hot	To know where some fruit and vegetables come from To know about basic hygiene To know that knives can cut ingredients	To know that raw ingredients can be cooked to produce something solid To know how to use equipment appropriately for the given project	To know that wet and dry ingredients can be combined together to form a solid structure To know how to use equipment appropriately for the given project	To know that spices can be added to create different tastes To know how to use equipment appropriately for the given project	To know that yeast is added to create a reaction to ensure that bread rises To know how to use equipment appropriately for the given project	To know what is meant by food cupboard ingredients To know how to use equipment appropriately for the given project