



# **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