



Broadacre Primary School

DT Overview

	Autumn Construction	Spring Textiles	Summer Food Technology
EYFS	Know how to manipulate materials using construction kits Join items in a variety of ways – Sellotape, masking tape, string, ribbon Weave thread/ribbon using up and under motion. Practise stirring, mixing, pouring, blending ingredients.		
Year 1	Which materials can be used to make a strong and sturdy product? Which resources do we need to shape and join materials to make a fridge magnet?	How can we use a running stitch to make our own puppet? What do we like about our final product?	Why do we wash hands before handling food? Which ingredients are best for a salad sandwich?
Year 2	How do wheels and axles work on toy vehicles? How can we attach wheels and axles to our own toys?	How can we use a known stitch to join two pieces of fabric to make our own bag? What would we improve about our bag?	Which ingredients are needed to make a muffin? How important is it to weigh ingredients?
Year 3	Which shapes/patterns/structures can we use to make a bridge stronger?	Why is it important to leave a seam allowance when joining fabric with a stitch? How does our hand warmer meet the design criteria and how could it be improved?	Which ingredients are needed to make bread? How can we replace sweet elements to make a savoury dish?
Year 4	Which components are needed to make a simple circuit? How can we use Crumble technology to make a night light work?	How do we use a straight back stitch to join pieces of fabric? What do you and others think of your final pencil case design?	Which ingredients are needed to make fajitas? How can we ensure that food is safely cooked?
Year 5	How can we use cams and levers to move parts of a product? Why is it important to measure accurately?	How is tie-dye created? Why is it sometimes important to change your original design?	What makes up a healthy diet? How can we make a healthy chicken nugget dish?
Year 6	Will trusses or arches be the best design for a bridge? How will you choose your materials and tools?	Which learned stitch(es) will be best for a patchwork blanket? How can you ensure that your final product is of a good quality?	What are the main ingredients used in fish cakes? How much does it cost to make fish cakes?