



BERKELEY PRIMARY SCHOOL D&T Skills Progression Map



Textiles

Nursery	Reception	Y1	Y2	Y3	Y4	Y5	Y6
Begin to use tools and joining techniques.	More independence and control in using cutting / joining tools.	Print and paint fabric. Join fabric - use glue and running stitch.	Join fabric by using stapling, safety pins. Be able to finish off when sewing.	N/A	Back stitch, simple pattern, seam allowance, fastenings, sew buttons, prototype a product.	Blanket stitch, pin and tack fabric together, design a product using CAD	N/A

Construction

Nursery	Reception	Y1	Y2	Y3	Y4	Y5	Y6
Explore materials and kits - choose the right tool.	Select and use appropriate tools to make, respond to challenges, create for purpose.	Make product that moves; floats. Create hinges.	Make models with wheels and axles: use glue, tape, dowels and cotton reel. Attach wheels to chassis. Observe a glue gun being used.	Make lever and linkages. Strengthen materials. Use CAD to design 3D parts	Prototype and create a frame and shell structure. Use glue gun. Cams and followers. Complex pop ups. Create nets.	Use craft knife, cutting mat and safety ruler. Pneumatics / hydraulics for movement. Use crumble to control a product.	Use hand drill, cut strips of wood accurately, hide joints, use CAD to design a product, use crumble to control their products.

Cooking & Nutrition

Nursery	Reception	Y1	Y2	Y3	Y4	Y5	Y6
Work as a part of a team - with adult help - begins to use tools and follow instructions	Stir, spread, knead and shape. Measure in spoons and cups.	Cut and peel ingredients.	Observe the heat source being used by an adult. Grate Introduce CAD	Chop, slice, join and combine.	Spreading, kneading, baking. CAD to design packaging.	Design a recipe and prepare food using all the above skills and knowledge.	Adapt recipes to change appearance, taste, texture and aroma

Every Child • Every Chance • Every Day