



CARLTON PRIMARY SCHOOL DT skills progression

| Maps | Units | Possible/Previous Products | Tools/skill |
|--------|------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------|
| Year 1 | Textiles | Bookmarks | Wide-eyed needle, thick thread |
| | Food | Fruit kebabs | Knives, skewers, peeler |
| | Shaping and cutting | Wooden puppets | Modelling saws, cutting mat, wood glue |
| Year 2 | Construction | Bridges | Sellotape, scissors |
| | Levers and Hinges | Moving pictures | Split pins, scissors |
| | Wheels and axles | Moon buggies | Wood glue, modelling saws, cutting mat, sandpaper |
| Year 3 | Food product | Pizzas | Rolling pin, grater, knives, oven, baking tray |
| | 3D textile item | Pencil cases | Needles, embroidery thread, needle threader, scissors |
| | Moving vehicle | Roman carts | Modelling saw, cutting mat, PVA glue, masking tape |
| Year 4 | Pneumatic systems and mechanical control | Pneumatic monsters | Double sided tape, scissors, craft knives |
| | 3D structures | Tombs (Egyptian masks or Modroc men painted as egyptians/anglo saxons?) | Craft knives, PVA glue, Modroc |
| | Electrical circuits and control | Torches (Lighthouses?) | Wire snippers, wire strippers |



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|--------|------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Year 5 | Food product | Burgers/salad | Kitchen knives, frying pan, peeler, grater, garlic press, grill, hob |
| | Textiles | Cushions | Needle, cotton thread, thimble, needle threader, fabric scissors |
| | Motorised vehicle with control | Cars | Craft knives, hacksaw, bench hooks, sandpaper, hot glue gun, masking tape, wire snippers, wire strippers |
| Year 6 | Levers and linkages | Moving toys | Hacksaw, bench hooks, split pins, scissors, Sellotape, wood glue |
| | Structures | Bird house/feeder, Mayan structures, Leavers Fest camp WW2 Anderson shelters/Morrison shelters, aircrafts | Hacksaw, bench hooks, hot glue gun, needle, thread, craft knives, cutting mats |
| | Electrical circuits and computer control | Microbits | Microbits, computers, wires |

| <u>Unit</u> | <u>Year groups</u> |
|-----------------------------------------|----------------------------------------------------------------------|
| Textiles | Year 1, Year 3, Year 5 (3x) |
| Food | Year 1, Year 3, Year 5 (3x) |
| Woodwork | Year 1, Year 3, Year 6 (3x) |
| Construction | Year 2, Year 4, Year 6 (3x) |
| Electric components | Year 4, Year 5, Year 6 (3x) |
| <u>Tool</u> | <u>Year groups</u> |
| <u>Textiles</u> | |
| Needles – wide eyed and standard needle | Year 1 (wide eyed) Year 3, Year 5 (3x) |
| Thread | Year 1 (wool) Year 3 (embroidery thread) Year 5 (cotton thread) (3x) |
| Needle threader | Year 3, Year 5 (2x) |
| Thimble | Year 5 (1x) |
| <u>Food</u> | |



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|-----------------------------------|-----------------------------------------------------------------------------|
| Skewers | Year 1 (1x) |
| Knives | Year 1, Year 3, Year 5 (kitchen knives) (3x) |
| Peeler | Year 1, Year 5 (2x) |
| Rolling pin | Year 3 (1x) |
| Grater | Year 3, Year 5 (2x) |
| Oven | Year 3, Year 5 (2x) |
| Baking tray | Year 3, Year 5 (2x) |
| Frying pan | Year 5 |
| Garlic press | Year 5 |
| Grill | Year 5 |
| Hob | Year 5 |
| <u>Woodwork</u> | |
| Modelling saws | Year 2, Year 3 (2x) |
| Cutting mat | Year 2, Year 3 (2x) |
| Wood glue | Year 2, Year 4 (2x) |
| Sandpaper | Year 2, Year 5 (2x) |
| Junior hacksaw | Year 4, Year 5, Year 6 (3x) |
| Bench hooks | Year 4, Year 5, Year 6 (3x) |
| <u>Construction</u> | |
| Scissors | All year's year 5 (fabric scissors) |
| Tape | Year 1, Year 3 and 5 (masking tape), Year 6 (double sided tape) (4x) |
| Split pins | Year 2, Year 4 (2x) |
| PVA glue | Year 3, Year 4 (2x) |
| Modroc | Year 4 |
| Craft knives | Year 4, Year 5, Year 6 (3x) |
| Hot glue gun | Year 5, Year 6 (2x) |
| <u>Electric components</u> | |
| Wire snippers | Year 4, Year 5 (2x) |
| Wire strippers | Year 4, Year 5 (2x) |
| Microbits | Year 6 |