**DT Year 4 Resource List**

**Topic > Food: Adapting a Recipe**

* Six different types of biscuits
* Plates
* For each batch of biscuits: 250g butter, 140g caster sugar, 1 egg, 2 tsp vanilla extract, 300g plain flour
* Chocolate chips
* Sprinkles
* Spices
* Food colouring
* Food flavouring
* Chocolate chunks
* Dried fruits
* Cocoa powder
* Honey
* Oats
* Butter knives
* Bowls
* Wooden spoons
* Scales
* Baking trays
* Baking paper
* Access to an oven

**Topic > Mechanical Systems: Making a Slingshot Car**

* 4mm dowel rod, roughly 1.5 cm longer than a straw
* Drinking straws
* Wheels; either plastic with 3mm-4mm holes, or 38mm MDF wheels with 4mm holes
* Paperclips
* Lollipop sticks
* Elastic bands
* Masking tape
* Glue guns/ PVA glue
* Scissors
* Glue sticks
* Stop watches
* Drawing and colouring pencils or pens
* Plastic cups/ building blocks/ cushions
* A4 card
* Coloured card

**Topic > Textiles: Fastenings**

* Felt
* Pins
* Scissors
* Thread/embroidery thread
* Needles, with large heads
* Optional: needle threaders

**Topic > Structures: Pavilions**

* Lots of toothpicks
* Gumdrops or plasticine
* A4 stiff card
* Pencils
* Matchsticks
* Lolly sticks
* Toothpicks
* Straws
* Card
* Pipe cleaners
* Card triangles
* Glue guns
* Tape
* Range of craft materials, e.g. tracing paper, card, sweet wrappers, leaves, crepe paper, fabrics, newspaper, wool, string
* Optional: for an extended project, papier mache could be used for cladding

**Topic> Electronics: Torches**

* Electric circuit components: batteries, battery holders, wires, bulb/buzzer/motor (one set per table)
* Card/cardboard rectangle (one per table)
* Recycled materials (eg plastic bottles, packaging cardboards)
* Split pins (two per table)
* Reflective material eg foil
* Scissors
* Paper clip (one per table)