

TMS DT Launchpad - 2023/2024

Year 2

RESEARCH

WALT be able to research a product

To be successful, I need to:

- Investigate similar products
- Ask opinions about existing products
- Understand the product specification



DESIGN

WALT be able to design a product

To be successful, I need to:

- Draw 2D diagrams and label
- Talk about the design using pictures and words and models



MAKING

MATERIALS AND STRUCTURE - Fire Engine

Skills

Assembling car chassis by cutting, joining and shaping card and plastic. Fixing axles in different ways - pairs of clothes pegs, card triangles, large paper straws.

Tools/Materials

Hole punch, cutting mat, tape, PVA glue, scissors, Card, cotton reels, pegs, matchsticks, straws, wooden

Vocabulary

pivot, slide, lever, axel, wheels, chassis, assemble, join/finish, fixed, free, mechanism, movement, corner, point, structure, tower, plastic, wood, metal, cube, cylinder, framework, design, evaluate, create, purpose, idea, function

TEXTILES - Weaving

Skills

Using templates and simple pattern pieces; Marking out, cutting and finishing.; Joining - glueing, taping, stapling, pinning
Sewing - running stitch, back stitch

Tools/Materials

Scissors, glue, thread, pins, needles, fabric glue, safety pins, stapler
Fabrics and textiles, Aida material, felt, wool, buttons, paints,

Vocabulary

joining, finishing, techniques, tools, fabric, components, decorate, create, purpose, idea, function, appliqué, design, embroider, evaluate, fray, glove puppet, mock-up, seam, sew, template

COOKING & NUTRITION - Party Time

Skills

Peeling, cutting food with scissors, slicing using knife and fork to hold, grating, squeezing

Tools/Materials

grater, peeler, knives, plates, bowls, trays, juicer, scone cutters

Vocabulary

Vocab - diet, healthy, recipe, products, equipment, texture, ingredients, utensils, technique, preference, seasonal, harvest, grown,

EVALUATE

WALT be able to evaluate a product

To be successful, I need to:

- Which method of preparation is appropriate for the product I am preparing?
- Record what I like, dislike and the improvement I would make.
- How would I adapt this for a different audience

