

TMS DT Launchpad - 2023/2024

Year 1

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



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



MAKING

MATERIALS AND STRUCTURE - Bridges

Skills

Fold and fix to make free standing structures stronger, stiffer and more stable. Cutting and Joining cardboard with support - join sheet materials and reclaimed boxes using different tapes and glues. Joining Straws - pipe cleaner join



Tools/Materials

Scissors, hole punch, stapler, tape, string, masking tape; pipe cleaners, straws, cotton reels,

Vocabulary

slider, lever, pivot, free, fixed, slot, pull, push, up, down, curve, forwards, backwards, cut, fold, join, fix, weak, strong, thin, thick, corner, point, plan, investigate, make, user, ideas, design

TEXTILES - Animal Puppets



Skills

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

Tools/Materials

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

Vocabulary

finish, join, stick, components, templates, pattern, pieces, mark, investigate, plan, evaluate, user

COOKING & NUTRITION - Vegetable Soup



Skills

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

Tools/Materials

plates, bowls, peelers, graters, knives with support

Vocabulary

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