

Langton Primary School

Design and Technology Curriculum – EYFS



Learning Goals

- Exploring and using media and materials: children sing songs, make music and dance, and experiment with ways of changing them.
- They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function
- Being imaginative: children use what they have learnt about media and materials in original ways, thinking about uses and purposes.
- They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role-play and stories

Subject Element - Everyday Products

Everyday products are objects that we use every day. These objects have a specific use. Name and explore a range of everyday products and begin to talk about how they are used.

Vocabulary

Function, permanent, protection, purpose, shelter, structure, Temporary, axle, chassis, vehicle, wheel

Subject Element – Staying Safe

Rules keep us safe when using equipment. Safety rules include always listening carefully and following simple instructions, using equipment only for the tasks they are designed for and washing hands before touching food. Follow rules and instructions to keep safe.

Vocabulary

Hygiene, rule, Safety, tool

Subject Element – Generation of Ideas

Create collaboratively, share ideas and use a variety of resources to make products inspired by existing products, stories or their own ideas, interests or experiences.

Vocabulary

Instrument, rainmaker, Shaker, discuss, idea, material, share, Test, describe, different, discuss, example, explain, idea, Type, adapt, Change, design, idea,, Share , describe, draw, Explain, explore ,feel, idea, play, sort, talk, Try,, Discussion, Explore, , create, model, share, Talk, build, material,, adapt, build, choose, communicate, cooperate, create, den, discuss, Resource, select, share, talk, try out, adapt, Architect, ask, bricklayer, bridge, build, carpenter, communicate, construct, construction worker, label, listen, question, resource, roofer, share, shelter, talk, team, Test, choose, cooperate, select, Share, build, Cooperate, play, cooperate, Design, design criteria, drawing, frame, function, idea, label, material, plan, purpose, shape, Size, criteria, design, Diagram

Subject Element – Evaluation

A strength is a good quality of a piece of work. A weakness is an area that could be improved. Talk about their own and each other's work, identifying strengths or weaknesses and offering support.

Finished products can be compared with design criteria to see how closely they match. Improvements can then be planned. Explain how closely their finished products meet their design criteria and say what they could do better in the future.

Vocabulary

Change, criteria, difficulty, evaluate, evaluation, improve, strength, Weakness, success

Subject Element – Structures

Different materials have different properties and can be used for different purposes. Construct simple structures and models using a range of materials.

Vocabulary

Appearance, construction, design, entry point, finish, functionality, joining, model, product, roof, safety, structure, tools, Wall, part, test

Subject Element – Investigation

Different tools are needed for different tasks. For example, pens and paper are used for drawing pictures. Choose and explore appropriate tools for simple practical tasks.

Vocabulary

Attach, evaluate, strong, tool, Weak, chop, grate, grater, knife, mash, masher, peel, peeler, slice, tear

Subject Element – Materials for Purpose

Different materials are suitable for different purposes such as construction kits for modelling and ingredients for baking. Select appropriate materials when constructing and making.

Vocabulary

Brick, Construction, fabric, rope, stick, tarpaulin, wooden cane, material, purpose

Subject Element – Food Preparation and Cooking

A recipe is a set of instructions for creating a dish and includes a list of the ingredients required. Follow instructions using simple recipes, that include measures and ingredients

Subject Element – Nutrition

There are healthy and unhealthy foods. Fruit and vegetables are an important part of a healthy diet. Suggest healthy ingredients that can be used to make simple snacks.

Subject Element – Origins of Food

Food comes from different forms, including from animals, meat, fish and eggs, dairy or from plants such as fruit and vegetables. Begin to identify the origins of some foods.

Subject Element – Compare and Contrast

Aspects of designing and making can be compared with others, including inspiration for making a product and the tools and techniques used. Describe what, why and how something is made and compare with others.

Subject Element – Significant People

Some products are significant because they have changed the way people live their lives. Explore some significant products.

To comply with the SEND Regulations and Disability Regulations 2014 and the Equality Act 2010 please see our school accessibility plan and the SEND information in the policies and SEND section of this website.