

West Ashton CE Primary – Design and Technology Vocabulary Progression 2023-2025

This document gives an indication of the words that we want children to become familiar with during each key stage. They are not intended as a test list but show the kind of language staff will use and explain in lessons to broaden pupils design and technology vocabulary and understanding.

Class	Project – Cycle A	Year A Vocabulary	Project – Cycle B	Year B Vocabulary
EYFS	Please see Expressive Arts and Design Vocabulary list https://www.westashton.wilts.sch.uk/website/expressive_arts_and_design/645995			
YR 1/2	Structures: baby bear's chair	design criteria, man-made, natural, properties, structure, stable, shape, model, test	Structures: windmills	axle, bridge, design, design criteria, model, net, packaging, structure, template, unstable, stable, strong, weak
	Mechanisms: fairground wheel	design, design criteria, wheel, Ferris wheel, pods, axle, axle holder, frame, mechanism	Textiles: puppets	decorate, design, fabric, glue, model, hand puppet, safety pin, staple, stencil, template
	Mechanisms: making a moving monster	axle, design criteria, input, linkage, mechanical, output, pivot, wheel	Cooking and nutrition: fruit and vegetables	fruit, vegetable, seed, leaf, root, stem, smoothie, healthy, carton, design, flavour, peel, slice
YR 3/4	Structure: pavilions	aesthetic, cladding, design criteria, evaluation, frame structure, function, inspiration, pavilion, reinforce, stable, structure, target audience, target customer, texture, theme	Cooking and nutrition: eating seasonally	climate, dry climate, exported, imported, Mediterranean climate, nationality, nutrients, polar climate, recipe, seasonal food, seasons, temperate climate, tropical climate
	Mechanical systems: making a slingshot car	aesthetic, air resistance, chassis, design, design criteria, function, graphics, kinetic energy, mechanism, net, structure.	Digital world: wearable technology	analogue, analyse, annotate, badge, cad, control, design criteria, develop, digital, digital revolution, digital world, display, electronic, fastening, feature, feedback, form, function, initiate, layers, loops, micro:bit, monitor, net, point of sale, product, product concept, program, sense, simulator, smart, technology, test, user

	Electrical systems: torches	Battery, bulb, buzzer, conductor, circuit, circuit diagram, electricity, insulator, series circuit, switch, component, design, design criteria, diagram, evaluation, LED, model, shape, target audience, input, recyclable, theme, aesthetics, assemble, equipment, ingredients, packaging, properties, sketch, test	Structures: constructing a castle	2d shapes, 3d shapes, castle, design criteria, evaluate, façade, feature, flag, net, recyclable, scoring, stable, strong, structure, tab, weak
YR 5/6	Textiles: waistcoats	annotate, decorate, design criteria, fabric, target customer, waistcoat, waterproof	Electrical systems: doodlers	circuit component, configuration, current, develop, DIY, investigate, motor, motorised, problem solve, product analysis, series circuit, stable, target user
	Structure: playgrounds	apparatus, design criteria, equipment, playground, landscape features, cladding	Mechanical: making a pop-up book	design, input, motion, mechanism, criteria, research, reinforce, model
	Digital world: navigating the world	smart, smartphone, equipment, navigation, cardinal compass, application (apps), pedometer, GPS tracker, design brief, design criteria, client, function, program, duplicate, replica, loop, variable, value, if statement, corrode, mouldable, lightweight, sustainable design, environmentally friendly, biodegradable, recyclable, product lifecycle, product lifespan	Cooking and nutrition: what could be healthier?	beef, reared, processed, ethical, diet, ingredients, supermarket, farm, balanced