

**Summerseat Steps in Vocabulary – Design and Technology**

| Summerseat Steps in Vocabulary – Design and Technology                                    |   |  |   |   |   |                     |        |
|---|---|--|---|---|---|---------------------|--------|
| Nursery   | Reception   | Key Stage One  |   | Lower Key Stage Two   |   | Upper Key Stage Two |        |
| <b>All DT Topics</b>  |   |  |   |   |   |                     |        |
| <i>Names for all tools and equipment to be used accurately at each stage</i>              |   |  |   |   |   |                     |        |
| <p><b>Build, make, join</b></p> <p>Design, plan, do, review, texture, tool, equipment</p> | <p><b>Plan, Do, Review, tool, equipment</b></p> <p>Design, make, evaluate, template, construct, reclaimed, refine</p> | <p><b>Design, make, evaluate, product, plan, design brief, materials, template, reclaimed, measure</b></p> <p>Investigating, user, purpose, design criteria, function, mock design or model, components, refine, challenges</p> <p><i>Names for all tools and equipment used</i></p> | <p><b>Design criteria, user, purpose, function, decoration, appearance, inventor, adapt, accurate, component, refine</b></p> <p>Aesthetics, functionality, innovative, process, health and safety, market research, sources, annotation, appearance, suitability, original, step-by-step, packaging</p> | <p><b>Aesthetics, functionality, innovative, market research, research, sources, process, health &amp; safety, working diagram, annotate, step-by-step, appearance, suitability, original, prototype, test, packaging, exploded diagram, cross-sectional</b></p> <p>Specification, analyse, combine, construct, requirements, competent</p> |   |                     |        |
| <b>Technical Knowledge</b>  |   |  |   |   |   |                     |        |
| Nursery   | Reception   | KS1 A  | KS1 B   | LKS2 A  | LKS2 B  | UKS2 A              | UKS2 B |
| <b>Structures</b>   |   |  |   |   |   |                     |        |
|   | tools   | 2-D, 3-D, cut, fold, join, fix, stable,  |   | <p><b>Frame, stiffen, joint, stability, strengthen</b></p> <p>Repair, triangulation, reinforce,</p> <p>Bench hook, saw, assemble, sandpaper</p>   | <p><b>Bridge, triangulation, reinforce,</b></p> |                     |        |
| <b>Mechanisms</b>   |   |  |   |   |   |                     |        |
| <p><b>Pop-up, split pin</b></p>   | <p><b>Vehicle, hinge</b></p> <p>Moving</p>  | <p><b>Wheel, axle, axle holder, chassis, body</b></p> <p><b>Moving, fixed</b></p> <p><b>Slider, lever, pivot, slot,</b></p> <p>Mechanism, cab, winding, motion</p>   | <p><b>Mechanism, system, attaching, syringe, plunger, motion</b></p> <p>Linear, rotary, compression, inflate, deflate, <b>pneumatic system</b></p>  | <p><b>Pulley, CAM, gear, linear motion, rotary motion, lever, linkages</b></p>  |   |                     |        |

| Electrical Systems   |   |  |   |  |   |
|--|---|--|---|--|---|
|  |   |  |   | <p><b>Circuit, conductor, insulator, switch, component, symbol, fault, battery, battery holder, light bulb, bulb holder, buzzer.</b></p> <p>Push to break switch, push to make switch, toggle switch, series circuit, parallel circuit, connection</p>                   | <p><b>Output device, input device, control, monitor, program</b></p> <p><i>(Plus language of structures and mechanisms)</i></p> |
| Textiles   |   |  |   |  |   |
| <p><b>Join</b></p> <p>texture</p>  | <p><b>Weave, wool</b></p> <p>Thread, needle, cloth, textile, texture</p>  | <p><b>Textile, texture, fabric, stitch, running stitch, needle, thread, attach</b></p> <p>Pattern, template, seam, mark out</p>  | <p><b>Pattern, template, seam, decoration, back stitch, blanket stitch, over stitch</b> (or whipstitch), <b>mark out</b></p> <p>Seam allowance, aesthetics, stuffing, applique, aesthetics, functionality</p>   | <p><b>Fastening (poppers, Velcro, hook and eyes, zip), seam allowance, aesthetics, functionality</b></p> <p>Wadding, embroidery, applique, accessories</p>   |   |
| Food Technology  |   |  |   |  |   |
| <p><b>Taste, skin, peel, handwashing</b></p> <p>Fruit, vegetable, sort, healthy, clean</p> | <p><b>Taste, cut, safely, healthy, clean</b></p> <p>Fruit, vegetable, sort, healthy, skin, seed, core</p> <p><i>Names of common fruits and vegetables</i></p> | <p><b>Fruit, Vegetables, cutting, chopping, safely, ingredients, measure, amount, weigh, healthy, smoothie</b></p> <p>Grating, squeezing, arranging, choosing, tasting, flesh, skin, seed, pip, core, pith, diet, nutrient, hygiene, preparation, recipe</p> <p>Soft, juicy, crunchy, sticky, smooth, sharp, crisp, sour, hard</p> | <p><b>Recipe, unhealthy, harvesting, seasonal, hygienic, combine, varied, nutrients, produce</b></p> <p>Creative, texture, taste, appearance, grown, reared, caught, frozen, tinned, processed, seasonal, preserve, fresh</p> <p>Yeast, dough, wholemeal, unleavened, baking soda, soup, pour, mix, knead</p> | <p><b>Storage, savoury, sweet, grown, reared, caught, frozen, tinned, processed, seasonal, preserved, fresh</b></p> <p>Budget, spice, herbs, carbohydrate, sugar, fat, protein, vitamins, gluten, allergy, intolerance</p> <p>whisk, beat, combine, fold, rubbing in</p> |   |