Tonacliffe Primary School Design and Technology Progression Document – Textiles

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| **EYFS**  | Explored and used different fabrics.Cut and joined fabrics with simple techniques.Thought about the user and purpose of products. |
|  | **KS1** | **LKS2** | **UKS2** |
| **Designing**  |  Design a functional and appealing product for achosen user and purpose based on simple designcriteria.Generate, develop, model and communicate theirideas as appropriate through talking, drawing,templates, mock-ups and information andcommunication technology. | Generate realistic ideas through discussion anddesign criteria for an appealing, functional productfit for purpose and specific user/s.Produce annotated sketches, prototypes, finalproduct sketches and pattern pieces.  | Generate innovative ideas by carrying outresearch including surveys, interviews andquestionnaires.Develop, model and communicate ideas through talking, drawing, templates, mock-ups and prototypes and, where appropriate, computer aided design.Design purposeful, functional, appealing products for the intended user that are fit for purpose based on a simple design specification. |
| **Making** |  Select from and use a range of tools andequipment to perform practical tasks such asmarking out, cutting, joining and finishing.Select from and use textiles according to theircharacteristics. | Plan the main stages of making.Select and use a range of appropriate tools withsome accuracy e.g. cutting, joining and finishing. Select fabrics and fastenings according to theirfunctional characteristics e.g. strength, andaesthetic qualities e.g. pattern. | Produce detailed lists of equipment and fabrics relevant to their tasks.Formulate step-by-step plans and, if appropriate,allocate tasks within a team.Select from and use a range of tools andequipment to make products that are accuratelyassembled and well finished. Work within theconstraints of time, resources and cost. |
| **Evaluating** | Explore and evaluate a range of existing textileproducts relevant to the project being undertaken.Evaluate their ideas throughout and their finalproducts against original design criteria. | Investigate a range of 3-D textile products relevant to the project.Test their product against the original designcriteria and with the intended user.Take into account others’ views.Understand how a key event/individual hasinfluenced the development of the chosen product and/or fabric. | Investigate and analyse textile products linked to their final product.Compare the final product to the original designspecification.Test products with intended user and criticallyevaluate the quality of the design, manufacture,functionality and fitness for purpose.Consider the views of others to improve their work. |
| **Technical knowledge and understating**  | Understand how simple 3-D textile products aremade, using a template to create two identicalshapes.Understand how to join fabrics using differenttechniques e.g. running stitch, glue, over stitch,stapling.Explore different finishing techniques e.g. usingpainting, fabric crayons, stitching, sequins, buttonsand ribbons.Know and use technical vocabulary relevant to theproject. | Know how to strengthen, stiffen and reinforceexisting fabrics.Understand how to securely join two pieces offabric together.Understand the need for patterns and seamallowances.Know and use technical vocabulary relevant to the project. | A 3-D textile product can be made from acombination of accurately made pattern pieces, fabric shapes and different fabrics. Fabrics can be strengthened, stiffened andreinforced where appropriate. |
| **Key Vocab** | names of existingproducts, joining andfinishing techniques,tools, fabrics andcomponentstemplate, pattern pieces,mark out, join, decorate,finishfeatures, suitable, qualitymock-up, design brief,design criteria, make,evaluate, user, purpose,function | fabric, names of fabrics,fastening,compartment, zip,button, structure,finishing technique,strength, weakness,stiffening, templates,stitch, seam, seamallowanceuser, purpose,design, model,evaluate, prototype,annotated sketch,functional, innovative,investigate, label,drawing, aesthetics,function, pattern pieces | seam, seam allowance,wadding, reinforce, rightside, wrong side,hem, template, patternpiecesname of textiles andfastenings used, pins,needles, thread,pinking shears,fastenings, iron transferpaperdesign criteria, annotate,design decisions,functionality, innovation,authentic, user, purpose,evaluate, mock-up,prototype |