**Design Technology KS3 Progression Pathway Yr 9 Textiles –Personal carrier**

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| Strand | Working towards | 1-3 | 4-5 | 6-9 |
| **Investigation, Analysis & Evaluating** | One piece of research with no analysis  Used given design specification.  Evaluation is limited to a final summary at the end of the project. | Some research into existing products.  Basic analysis of end user survey.  Target market identified with some needs listed.  Limited investigation into suitability of materials & sustainability.  A design specification has been developed.  Evaluation is limited to a final summary at the end of the project, with some reference to specification and areas to improve. | Product analysis carried out and results used to produce design criteria.  Target market researched and needs included in design criteria.  Some investigation into suitable materials & sustainability with justification for design decisions.  A design specification has been developed.  Some feedback received from target market with some analysis and evaluation throughout.  Some aspects of the prototype(s) have been tested against the design brief or specification.  Appropriate modifications suggested. | Relevant research carried out, analysed and used to produce detailed design criteria.  Detailed investigation of the Target market and users’ needs form part of design criteria.  Some investigation into materials & sustainability with justification for design decisions.  A detailed design specification has been developed.  Some reflection upon feedback received from target market. and some analysis and evaluation throughout.  Most aspects of the prototype(s) have been tested against the design brief or specification.  Detailed explanations of how product could be improved. |
| **Of Design specificationDesigning** | One design idea produced.  No development  Simple existing pattern used.  Limited consideration of the materials selected | A few design ideas have been illustrated using 2D/ 3D to meet design criteria.  Some development work of one idea.  Some basic experimentation into decorative processes  Uses an existing pattern.  Suitable materials selected. | The work of others has been used as a starting point.  Imaginative ideas have been proposed considering functionality, aesthetics and innovation.  Initial ideas presented using2D/3D techniques  Designs developed through experimentation into pattern making and decorative techniques.  Can adapt existing patterns.  Materials/components selected with reasons for choice given. | Creative, imaginative and innovative ideas have been proposed, considering functionality, aesthetics and innovation.  Extensive experimentation and development work is evident, using a wide range of 2D/3D.  Designs developed and refined through experimentation into pattern making and decorative techniques.  Can make a pattern from scratch that works.  Appropriate materials/components discussed with reasons for choice explained. |
| **Making** | A lot of help needed to produce final product.  Tools, materials and equipment have been used but needed close supervision | Basic level of making and decorative skills.  Inaccurate assembly and/or partially complete.  Tools, materials and equipment requiring occasional supervision.  Product of basic quality and manufactured with some guidance.  Inconsistent Quality Control  Basic evidence of the stages of making. | Products shows good level of making skills and decorative techniques that are appropriate  Tools, materials and equipment have generally been operated correctly and safely.  Product shows some evidence of quality of manufacture.  Quality Control is evident throughout the manufacture. | Evidence of high level making skills and decorative techniques  All specified tolerances have been met.  Relevant tools, materials and equipment have been consistently operated at an exceptionally high level, both skilfully and safely.  Worked independently to produce an exceptionally high quality product with the potential to be commercially viable.  A high level of Quality Control is evident. |