Hanley Castle High School curriculum outline for parents: Textiles (Design & Technology) Year 7 rotate once

|      |                  | Autumn Term                 |                                     | Spring Term                |                             | Summer Term                         |                            |
|------|------------------|-----------------------------|-------------------------------------|----------------------------|-----------------------------|-------------------------------------|----------------------------|
|      | Topic            | Induction module –          | Fabrics and fibres – Mug            | Electronics – Pencil case  | Induction module –          | Fabrics and fibres – Mug            | Electronics – Pencil case  |
|      | Overview         | Bunting (woven)             | wrap (knitted)                      | (woven and non-woven)      | Bunting (woven)             | wrap (knitted)                      | (woven and non-woven)      |
|      |                  | Create a sample of bunting  | Create a mug wrap using             | Create an interactive      | Create a sample of bunting  | Create a mug wrap using             | Create an interactive      |
|      |                  | to demonstrate their        | knitted material that               | pencil case and decorate   | to demonstrate their        | knitted material that               | pencil case and decorate   |
|      |                  | designing and textiles      | changes colour when used            | using the process of       | designing and textiles      | changes colour when used            | using the process of       |
|      |                  | skills. To establish their  | with hot drinks.                    | applique.                  | skills. To establish their  | with hot drinks.                    | applique.                  |
|      |                  | understanding in this area, | They will be introduced             | They will be introduced    | understanding in this area, | They will be introduced             | They will be introduced    |
|      |                  | they will have basic        | to; modern materials and            | to; non-woven materials,   | they will have basic        | to; modern materials and            | to; non-woven materials,   |
|      |                  | questions on theory to do   | use a basic stencil to              | new decorative processes,  | questions on theory to do   | use a basic stencil to              | new decorative processes,  |
|      |                  | with equipment, fabrics,    | create a design. Pupils will        | modelling and can work     | with equipment, fabrics     | create a design. Pupils will        | modelling and can work     |
|      |                  | and processes.              | develop their                       | with E-Textiles as well as | and processes.              | develop their                       | with E-Textiles as well as |
|      |                  | Key areas also covered      | understanding of the                | other modern materials     | Key areas also covered      | understanding of the                | other modern materials     |
|      |                  | after this project are:     | sewing machine, work                |                            | after this project are:     | sewing machine, work                |                            |
|      |                  | Health & Safety –           | with a premade template             |                            | Health & Safety –           | with a premade template             |                            |
|      |                  | Specialist equipment &      | and premanufactured                 |                            | Specialist equipment &      | and premanufactured                 |                            |
|      |                  | sewing machine              | components. i.e., elastic           |                            | sewing machine              | components. i.e., elastic           |                            |
|      |                  |                             | and buttons to produce a            |                            |                             | and buttons to produce a            |                            |
|      |                  |                             | quality outcome                     |                            |                             | quality outcome                     |                            |
| Maan | Disciplinary     | Research – mood board       | Fabrics and fibres                  | Working to a brief         | Research – mood board       | Fabrics and fibres                  | Working to a brief         |
| Year | knowledge/skills | Risk Assessment             | Knitted materials                   | Writing a specification    | Risk Assessment             | Knitted materials                   | Writing a specification    |
| 7    |                  | Designing                   | Modern materials                    | Designing                  | Designing                   | Modern materials                    | Designing                  |
|      |                  | Hand tools                  | Thermochromic paints                | Annotation                 | Hand tools                  | Thermochromic paints                | Annotation                 |
|      |                  | Marking out<br>Pinning      | Components<br>Road test (machining) | Applique<br>E-Textiles     | Marking out<br>Pinning      | Components<br>Road test (machining) | Applique<br>E-Textiles     |
|      |                  | Cutting                     | Pinning                             | Modelling                  | Cutting                     | Pinning                             | Modelling                  |
|      |                  | Hand stitching              | Machining                           | Non-Woven materials        | Hand stitching              | Machining                           | Non-Woven materials        |
|      |                  | Sewing machine              | Evaluation                          | Hand and machining         | Sewing machine              | Evaluation                          | Hand and machining         |
|      |                  | Woven material Calico       | Evaluation                          | Manufacturing plan         | Woven material Calico       | Evaluation                          | Manufacturing plan         |
|      |                  | Accuracy                    |                                     | Quality control            | Accuracy                    |                                     | Quality control            |
|      |                  | Evaluation                  |                                     | Precision                  | Evaluation                  |                                     | Precision                  |
|      |                  |                             |                                     | Evaluation                 |                             |                                     | Evaluation                 |
|      |                  |                             |                                     |                            |                             |                                     |                            |
|      |                  |                             |                                     |                            |                             |                                     |                            |
|      | New vocabulary   |                             |                                     |                            |                             |                                     |                            |
|      | Links to         |                             |                                     |                            |                             |                                     |                            |
|      |                  |                             |                                     |                            |                             |                                     |                            |
|      |                  |                             |                                     |                            |                             |                                     |                            |