# CHELTENHAM GIRLS HIGH SCHOOL
## Technology Faculty
### Project Scope and Sequence

**Academic Year:** Yr 7  
**Unit:** Room for Improvement  
**Area of Study:** Built Environment  
**Context Area:** Textile Technology  
**Time Frame:** 13 weeks

<table>
<thead>
<tr>
<th>Week</th>
<th>Design Process Phase</th>
<th>Student Tasks / Activities</th>
<th>Completed</th>
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<td>7.1  7.5  7.8</td>
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| Week 1 | Introduction        | • Requirements, Outline Unit  
|         | Identification of Need | • Log in Procedure and Passwords  
|         | Design Brief         | • Creating folders and Saving, Printing  
|         | Introduction to Textile Safety | • Homework Activity. Title page. WP Rules  
|         |                     | • Revise Design Process  
|         |                     | • Class discussion about the Need and Brief  
|         |                     | • Analysis of Design Brief  
|         |                     | • Definitions of key words / terms  
|         |                     | • CAF mind map  
|         |                     | • Safety in the Textile Room Worksheet  
| Week 2 | Research            | • Collage of inspiration storage designs  
|         | Introduction to the Machine – safety aspects & practical skill development | • Tie Dying sample and experimentation  
|         |                     | • Threading top, bobbin and refilling bobbin  
|         |                     | • Machine license  
|         |                     | • Seam and sample  
|         |                     | • Teacher check and record completion of activities  
| Week 3 | Research            | • Innovation Research Task: Home Furnishing/ Storage  
|         | Design Skills –     | • Sketch the ideal room design / layout  
|         |                     | • Teacher check and record completion of activities  
| Week 4 | Initial Ideas Design Development | • Complete 3 initial ideas (concept designs) including all relevant annotation.  
|         |                     | • Complete detailed PMI analysis for each initial idea.  
|         |                     | • Teacher check and record completion of activities  
| Week 5 | Final Design        | • Begin Final Idea – combination of Pluses from initial ideas  
|         |                     | • should show clear refinement of initial ideas and approximate dimensions / labelling / colour  
|         |                     | • List and justify design changes / modifications  
|         |                     | • Chosen Design – document reasons for design selection with respect to aesthetics, materials choice, target market and manufacturing.  
|         |                     | • Teacher approval of chosen design  
<p>|         |                     | • Teacher check and record completion of activities  |</p>
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| Week 6 | Realisation          | - Completion of Final Idea  
- Tie Dying of Final Product before construction  
- Students take home for preparation of dyed fabric  
- Layout out of Final Design onto Fabric  
- Students document realisation procedures | 7.1 7.5 7.10 |
| Week 7 | Realisation          | - Commence construction of the cushion  
- Students begin cutting out of Product |           |
| Week 8 | Realisation          | - Complete Hems on product / tack  
- Students document realisation procedures |           |
| Week 9 | Realisation          | - Complete Hems on product / machine  
- Students document realisation procedures |           |
| Week 10 | Realisation         | - Student commence seams pinning and tacking  
- Students document realisation procedures |           |
| Week 11 | Realisation         | - Students finish seams (zig-zag)  
- Students document realisation procedures |           |
| Week 12 | Realisation         | - Cushion realisation completed  
- Pressing and Presentation  
- Test product against design brief criteria and limitation  
- Students document realisation procedures |           |
| Week 13 | Evaluation          | - Evaluation of design with respect to the design brief.  
- Evaluation of functional / aesthetic aspects of their product.  
- Evaluate positive/negative points  
- Evaluate changes / modifications required for improvements  
- Product completed and submitted for final marking  
- Design folio completed and submitted for final marking |           |