Morisset High School

**Scope and Sequence**

**Year 8 Technology Mandatory 2016-*students study 2 areas of their choice***

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| **YEAR**  8 |  | | | | | | | | | | | |  |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | | **9** | **10** | **11** |
| **Food**  **Term 1**  **Outcomes:**  4.1.1,4.1.2, 4.2.1, 4.3.1, 4.3.2, 4.5.1, 4.5.2 | **Unit Topic:**  ‘My Café’s Cool’   * Kitchen Safety * Design Process * Hygiene * Practicals | | | * Research Café   Establishments & Menus   * Café Themes * Menu planning * Practicals | | | * Hospitality   Uniforms   * Business   Cards   * Practicals | | | * Reconciliation & Bush Foods * Careers in Hospitality Practicals   **Task Notification:** Week 8  **Task Due Date:** Term 2Week 1  **Registration Due:** Wk 11 Term 1 | | |
| **Term 2**  **Outcomes:**  4.1.1, 4.1.2, 4.2.1, 4.3.1, 4.3.2, 4.5.1, 4.5.2 | * Design Café Floor Plan * Table settings * Napkin Folds * Practicals | | | * Standard Recipe Cards * Beverages * Practicals | | | * Café   Promotional  Material   * Practicals | | | * Invitations * Practical * Evaluation   **Registration Due:**  Wk 10 Term 2 | |  |
| **Textiles**  **Term 3**  **Outcomes:**  4.1.1, 4.1.2, 4.2.1, 4.3.1, 4.3.2, 4.5.1, 4.5.2 | **Unit Topic:** ‘Carry it’   * Design Process: Designer Bags * Design Specifications * Factors affecting Design * Characteristics & Properties of Fabrics * Safety (WH&S) * Portfolio Development & Experimentation | | | | * Portfolio Development * Construction Techniques * Evaluation of Design Product & Processes   **Task Notification:** Week 4  **Task Due Date:** Week 8 | | | | | | * Ethical & Responsible Design * Comparison of Quality vs Needs and Opportunities   **Registration Due:**  Wk 10 Term 3 |  |
| **Term 4**  **Outcomes:**  4.1.1,4.1.2,4.2.1, 4.3.1, 4.3.2, 4.5.1, 4.5.2 | * Design Process: Pyjamas * Australian Fashion Designers * Needs & Opportunities * Innovations & Emerging Technologies * Generating Creative Design Ideas * Experimentation | | | | * Portfolio Development * Construction Techniques: Understanding & Following a Pattern * Evaluation of Product & Processes | | | | * Comparison of Quality vs Needs and Opportunities * Ethical & Responsible Design   **Registration Due:** Wk 10 Term 4 | | |  |

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| **YEAR**  8 |  | | | | | | | | | | |  |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** |
| **Metals**  **Term 1**  **Outcomes:**  4.1.1, 4.1.2, 4.2.1, 4.3.1, 4.3.2, 4.5.1, 4.5.2 | * Safety – OnGuard * Introduction to design in metal * Introduction to technical drawing | | **Focus unit:** Technical Drawing  Introduction to:   * Orthogonal drawing * Isometric Drawing * Perspective drawing   **Task Notification:**  **Task Due Date:** | | | | **Focus unit:** Metal coat rack   * Marking out tools and performing engineering measurements * Introduction to machinery and power tools * Application of metal finishes   **Registration Due:** Wk 11 Term 1 | | | | |
| **Term 2**  **Outcomes:**  4.1.1, 4.1.2, 4.2.1, 4.3.1, 4.3.2, 4.5.1, 4.5.2 | **Focus Unit:** Sheet metal toolbox   * Introduction to types of metal * Summary of hand tools * Numeracy focus on performing computations | | | | | | * Introduction to fastening techniques * Focus on art in design, design elements and factors which impact design. * Self, peer and teacher evaluation of Sheet metal toolbox   **Registration Due:** Wk 10 Term 2 | | | |  |
| **Timber**  **Term 3**  **Outcomes:**  4.1.1, 4.1.2, 4.2.1, 4.3.1, 4.3.2, 4.5.1, 4.5.2 | * Intro to workshop safety. * OnGuard safety training and participant certificate. * Safe use of hand tools. * Safe use of appropriate power and cordless tools. * PPE and its use in the workshop. * Begin practical work. | | | | * Timber selection and preparation. * Design your own spice rack. * Ongoing practical/folio work.   **Task Notification:**  **Task Due Date:** | | | | | * Completion of practical task 1. * Design and preparation for   Task 2, ‘ my Glory box’.   * Begin practical   task 2.  **Registration Due:**  Wk 10 Term 3 |  |
| **Term 4**  **Outcomes:**  4.1.1, 4.1.2, 4.2.1, 4.3.1, 4.3.2, 4.5.1, 4.5.2 | * Continued practical assignment. * Design of curved lid. | | | * Types of timber finishes, water based vs solvent based lacquers. * Application techniques. * Continued practical work. | | | | * Workshop/tool maintenance. Students learn to sharpen basic hand tools e.g. Jack Plane, Chisels. * Planning techniques, creation of curved box lid, chamfers and planning end grain.   **Registration Due:** Wk10 Term 4 | | |  |