Swanwick Hall School Long Term Planning

Year 8 Technology

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| Learning cycle | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| 1  5/9/22 – 21/10/22 | LC1.1 Traditional Foods – Their historic and Geographic values.  LC1.2 Practical: British Tour: Toad in The Hole  First assessment of practical Skills | LC1.3 Cultural and social constraints in food choices.  LC1.4 Practical: British Tour - Savoury Slices | LC1.5 Identifying differences in food choices/Local produce and providence  LC1.6 Practical: British Tour -  Cheese Scones | LC1.7 Assessed Writing on Food values and current influences  LC1.8 Practical: Bolognese | LC1.9 Whole Class Feedback, Retrieval and revision  LC1.10 Practical:  British Tour  Griddle Cakes | ***checkpoint week*** | ***gap week*** |  |
| 2  31/10/22- 22/12/22 | LC2.1 Practical :  Staple Foods -  Macaroni Cheese  LC2.2 Retrieval and further knowledge on the Eatwell Guide and related nutrients | LC2.3 Practical  British Tour - Cornish Pasties – Shortcrust Pastry  LC2.4 Analysis of existing product (lunch box) against principles of healthy eating and design work | LC2.5 Practical:  British Tour -  Cornish Pasties – Filling and Assembly  LC2.6 Design and planning for independent development practical - Lunchbox | LC2.7 Practical:  Bread making, finishes and shapes  LC2.8 Planning and Rationale for independent development practical - Lunchbox | LC2.9 Practical:  Lunchbox Development  LC2.10 Bread making theory and cooking methods | LC2.11 Practical:  British Tour -Victoria Sponge  LC2.12 Whole Class Feedback, Retrieval and revision | ***checkpoint week*** | ***gap week*** |
| 3  9/1/23 – 3/3/23 | LC3.1 Unsustainable rubbish disposal impact and the impact on finite resources  LC3.2 Sustainability in Product Design and alternative disposal methods | LC3.3 Understanding and Identification of Iconic design  LC1.4 What in design is considered to be iconic design and application of silhouettes to iconic designs | LC3.5 Difference between iconic and just recongissable – Design Iteration  LC3.6 Practical: Understanding and using pre manufactured components and jigs for structural integrity | LC3.7Practical: Using a marking gauge for accuracy – Measuring and marking out.  3.8 Practical: Understanding of electric components and circuit board structure. | LC3.9 Practical: Drilling a PCB pad and safe use of hand tools for completion of the box  LC3.10  Completion of the process log and reflection | ***checkpoint week*** | ***gap week*** |  |
| 4  6/3/23 – 12/5/23 | LC4.1 Practical Demonstration: What are the safe processes of soldering and where the elements go on the boards  LC4.2 Practical: Completion of the circuit boards and building independent problem solvers | LC4.3Classification of timbers – Features and working properties and methods of manufacturing  LC4.4 Focus on Man made timbers as alternative sustainable sources in manufacturing | LC4.5 Design: Creation of iconic designs and ability to sketch in 3D with accuracy  LC4.6 CADCAM of iconic silhouette design and ability to use software independently | LC4.7Pracitcal: Assembly of final box – addition of lid using a pivot joint  LC4.8 Completion of Light box with the vinyl finish |  | Learning Objective | ***checkpoint week*** | ***gap week*** |
| 5  15/5/23 – 3/7/23 | LC5.1Designing: Appliques concept and Design work – Including embellishments  LC5.2 Designing: Appliques concept and Design work – Including embellishments  And Evaluation | LC5.3 Practical – Using applique Paper and understanding symmetry in practice  LC5.4 Process Log – Understanding the processes and quality assurance | LC5.5 Threading up a machine – Retrieval and independent practice  LC5.6 Fibres and Fabrics – Understanding the difference between knitted and woven and how knitted is constructed | LC5.6 Practical: Applique Sewing – Straight line setting up  LC5.7 Practical: Applique Sewing – Straight line setting up and zig zag practice | LC5.8 Practical: Applique Sewing – Straight line setting up and zig zag Completion  LC5.9 Practical: Embellishments: Button/Sequin and Seam sewing accurately | ***checkpoint week*** | ***gap week*** |  |
| mini unit  10/7/23 – 21/7/23 | LC5.10 Practical:  Construction – Processes for the envelop finish and accuracy/Quality assurance  LC5.10 Practical:  Construction – Processes for the envelop finish and accuracy/Quality assurance | LC5.11 Practical:  Construction and completion followed by additional finishing techniques  LC5.12 Practical: Construction and completion followed by evaluation and reflection and |  |  |  |  |  |  |