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  |
| 15/9/22 – 21/10/22 | LC1.1 Traditional Foods – Their historic and Geographic values.LC1.2 Practical: British Tour: Toad in The HoleFirst 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 providenceLC1.6 Practical: British Tour - Cheese Scones | LC1.7 Assessed Writing on Food values and current influencesLC1.8 Practical: Bolognese  | LC1.9 Whole Class Feedback, Retrieval and revisionLC1.10 Practical:British TourGriddle Cakes | ***checkpoint week*** | ***gap week*** |  |
| 231/10/22- 22/12/22 | LC2.1 Practical : Staple Foods -Macaroni CheeseLC2.2 Retrieval and further knowledge on the Eatwell Guide and related nutrients | LC2.3 Practical British Tour - Cornish Pasties – Shortcrust PastryLC2.4 Analysis of existing product (lunch box) against principles of healthy eating and design work | LC2.5 Practical: British Tour - Cornish Pasties – Filling and AssemblyLC2.6 Design and planning for independent development practical - Lunchbox | LC2.7 Practical:Bread making, finishes and shapesLC2.8 Planning and Rationale for independent development practical - Lunchbox | LC2.9 Practical:Lunchbox DevelopmentLC2.10 Bread making theory and cooking methods | LC2.11 Practical:British Tour -Victoria SpongeLC2.12 Whole Class Feedback, Retrieval and revision | ***checkpoint week*** | ***gap week*** |
| 39/1/23 – 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 designLC1.4 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 IterationLC3.6 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 boxLC3.10Completion of the process log and reflection | ***checkpoint week*** | ***gap week*** |  |
| 46/3/23 – 12/5/23 | LC4.1 Practical Demonstration: What are the safe processes of soldering and where the elements go on the boardsLC4.2 Practical: Completion of the circuit boards and building independent problem solvers | LC4.3Classification of timbers – Features and working properties and methods of manufacturingLC4.4 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 accuracyLC4.6 CADCAM of iconic silhouette design and ability to use software independently  | LC4.7Pracitcal: Assembly of final box – addition of lid using a pivot jointLC4.8 Completion of Light box with the vinyl finish  |  | Learning Objective | ***checkpoint week*** | ***gap week*** |
| 515/5/23 – 3/7/23 | LC5.1Designing: Appliques concept and Design work – Including embellishmentsLC5.2 Designing: Appliques concept and Design work – Including embellishmentsAnd Evaluation | LC5.3 Practical – Using applique Paper and understanding symmetry in practiceLC5.4 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 upLC5.7 Practical: Applique Sewing – Straight line setting up and zig zag practice | LC5.8 Practical: Applique Sewing – Straight line setting up and zig zag CompletionLC5.9 Practical: Embellishments: Button/Sequin and Seam sewing accurately | ***checkpoint week*** | ***gap week*** |  |
| mini unit10/7/23 – 21/7/23 | LC5.10 Practical:Construction – Processes for the envelop finish and accuracy/Quality assuranceLC5.10 Practical: Construction – Processes for the envelop finish and accuracy/Quality assurance | LC5.11 Practical:Construction and completion followed by additional finishing techniquesLC5.12 Practical: Construction and completion followed by evaluation and reflection and  |  |  |  |  |  |  |