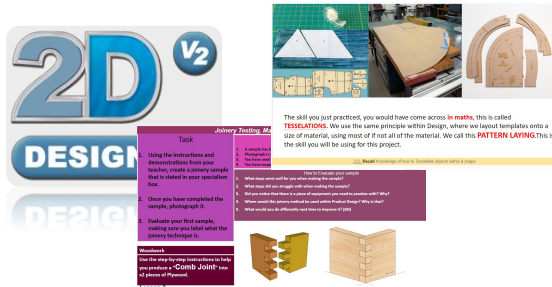




# Yr 10 & Yr 11 DESIGN & TECHNOLOGY: 2023 to 2024

## UNIT 1: Yr10 Organised Timbers



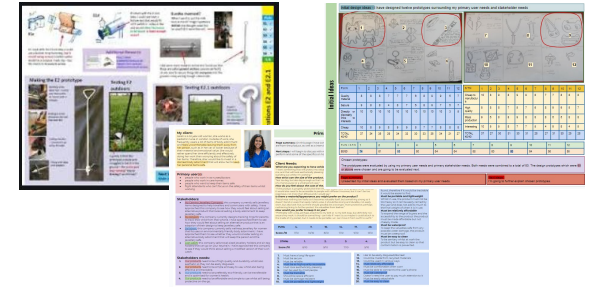
CAD/CAM, 2D Design, Typography and Colour Theory, learning about tessellation, minimal wastage, sources of timbers, production of timbers, finishes of timbers, Orthographic Drawings, Isometric Drawings, Rendering Skills, Prototyping, analysing and evaluating the characteristics of material. Applying Joinery techniques into creating a Organised Timber.

## UNIT 2: Yr10 Body Adornment



Research skills, Social issues, moral issues, cultural influence, Product Analysis, Design skills, Rapid prototyping, Working with a client, Iteration Process, Introduction to Primary Users and Stakeholders, New and Emerging Technologies, Inclusivity, Usability, Ergonomics, Anthropometrics.

## UNIT 3: Yr10 MOCK NEA



Following a contextual challenge given by the exam board. Develop a brief, Investigation into Primary Users and Stakeholders, Refine analyses and critical thinking skills. Design iteration, technical drawings, materials/cutting list

## UNIT 4: Yr10

### D&T Theory + Assessment Opportunities



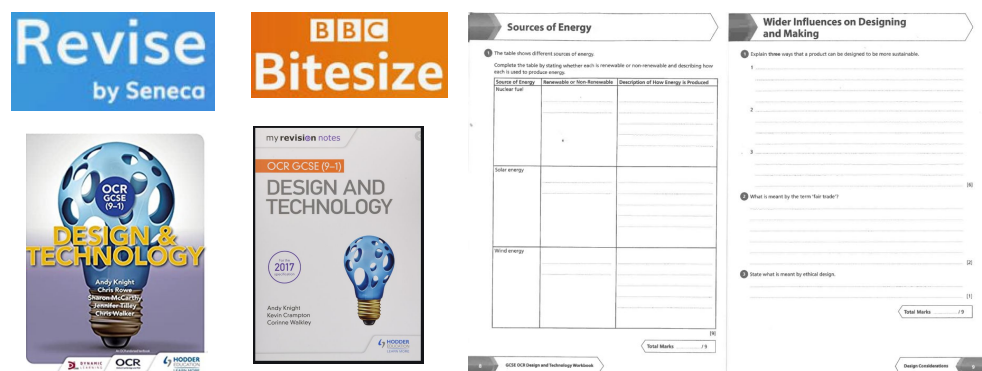
Taking part in core and in-depth theory from the OCR Specification, practice answering long mark questions, independently revise through Seneca, Experience Section A + Section B of an OCR Paper. Apply elements of the NEA into section B, investigate and explain how designers can incorporate ergonomics and inclusivity within their design work.

## UNIT 5: Yr11 Design challenge - NEA



Research skills, following a context and develop a brief, working with a client, Design iteration including rapid prototyping, technical drawings, materials/cutting list

## UNIT 5: Yr 10 & Yr 11 Exam Preparation



Taking part in core and in-depth theory from the OCR Specification, practice answering long mark questions, independently revise through Seneca, Experience Section A + Section B of an OCR Paper. Apply elements of the NEA into section B, investigate and explain how designers can incorporate ergonomics and inclusivity within their design work. This will all be in preparation for the written paper, practice exam questions