



A Level Product Design



50% NEA

50% EXAM



A Level Fashion & Textiles



50% NEA

50% EXAM

KS5



Food Preparation & Nutrition



50% NEA

50% EXAM

GCSE Design & Technology



Product Design



50% NEA

50% EXAM



Textiles



One specialist area

50% EXAM

Year 9

Cultural Design



- Product analysis of existing products
- Designing and modelling design ideas
- Hand stitching embellishments
- Research into aesthetics from differing cultures

Careers in DT



Exploring potential careers stemming from studying DT

Key Rack



- Understand material properties
- Develop skills working with all core materials
- Use hand and machine tools
- CAC/CAM, Casting pewter, laser cutting & engraving

World Foods



- Gelatinisation and investigation into fats
- Reasons for global food choice
- Knowledge of worldwide cultural diets
- Planning and evaluating dishes independently






Biomimicry



- Designing to a theme
- modelling

Manufacturing



- Understanding synthetic fibres and their sources
- Safe use of the sewing machine
- Analysis of existing products
- Pinning, sewing and cutting skills

User Centred Design



- Knowledge of types of woods
- Use of hand tools
- User centered design
- Use of marking out equipment for precision

Global Challenge



- Research of paper and board
- Working to mathematical scale
- Safe use of craft knives
- Using hand tools accurately

Diet & Nutrition



- Research carbohydrates, proteins and fats
- Make nutritionally balanced meals
- Storing and cooking of dishes
- Environmental impact of food







Year 8

Drawing Skills



- Isometric
- Rendering
- Crating
- Baseline assessment

E-Textiles



- Natural fibers
- Safety requirements of soft toys
- Electronics in textiles
- Hand stitching, finishing products

Graphic Communication



- Research existing products
- Designing for a theme
- Producing packaging graphics
- Vacuum forming

Designing with Computers



- How to use CAD/CAM
- Microbit programming
- Skills in 2D Design
- 3D design software

Diet & Nutrition



- Safe use of kitchen equipment
- Food Safety
- Developing cooking skills
- Classification of food types









Key Skills



Textiles



Product Design



Food