WFA Design Technology Learning Journey

Employability
Apprenticeships
Sixth Form

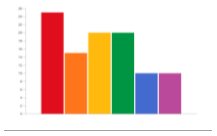
Year 11

Component 2

- Management of a project
- Development & testing
- Review of skills

Component 2 mock

- Producing final outcome
- Conducting relevant research
- Primary research
- Designer research
- Generating ideas
- Generating ideas to meet client brief
- Producing final outcome
- Responding to client brief



Year 10

Manufacturing investigation

- Effective use of tools & machinery
- Explaining processes

Component 1

- Practical responses to designer research
- Development & testing
- UK Landmarks

Catering

- Micro/ Macronutrients
- Special diets

Art Deco Slot together Phone Holder

- Modelling skills
- Iterative designing
- Using CAD/CAM

- Blending
- Nutritional needs at different stages of life
- Food assurance schemes
- Generating design ideas
- Analysis of the work of others

Year 9

Catering

- Rubbing in technique
- Energy
- Protein
- Using the Hob

MP3 Player

- Writing & meeting a specification
- Realising design ideas
- Product analysis
- Soldering a functional circuit
- Questionnaire

- Analysis of a design problem & the work of others
- Cooking chicken safely

- 2-point perspective
- New & emerging technologies
- Measuring & nesting

Year 8

Norman Foster Bus shelter

- Modelling skills
- Mechanical systems
- Design for disabilities
- Iterative designing

Iterative designing light

- Generating design ideas
- Soldering a functional circuit
- Problem solving
- Structural elements

Catering

- Seasonality
- Using the oven
- Health Safety & hygiene
- Seasoning
- Food provenance
- Knife skills – Bridge & Claw
- Eatwell guide
- Reading & following a recipe

ALESSI

Year 7

Alessi Inspired clock

- Analysis of the work of others
- Generating design ideas
- Writing & meeting a specification
- Accurate use of tools & equipment

Timber Pencil holder

- Using CAD/CAM
- Responsibilities of designers- social & moral issues
- Health & safety – Risks, Hazards, precautions
- Embedding intelligence int products
- Timbers
- Accurate marking out