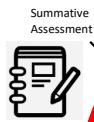
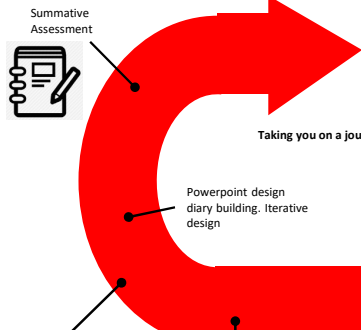




D&T Learning Journey



Taking you on a journey towards further training in careers in carpentry, plumbing, electronics, graphic design and much, much more!



Summative Assessment

Powerpoint design diary building. Iterative design

Peer Evaluation

Engineering Careers

Electrical Safety

Soldering & Gluing

Wood Finishing

Evaluation of Creative Light



Completion and testing of Creative Light

Manufacture of USB electrical component

Manufacturing of dowel-jointed box base

Practice cuts exercise

Training on pillar drill & Bandfacer



Ecobrick Factsheet



Printing and assembly

YEAR 8

CREATIVE LIGHTING PROJECT

Powerpoint design diary building. Iterative design

Completion and testing of Creative Light

Manufacture of USB electrical component

Manufacturing of dowel-jointed box base

Practice cuts exercise

Training on pillar drill & Bandfacer

Ecobrick Factsheet



2d Design Software training and design

Screenshot of gameplay

Evaluation

Summative Assessment

Design Specification

Health & Safety

Materials wood plastic

Component Function

Sustainability

Layer blending

Powerpoint project Interim assessment

Evaluation

Summative Assessment

Design Specification

Health & Safety

Materials wood plastic

Component Function

Sustainability

What is Graphic Design?



Types of Graphic Design - Products and Careers

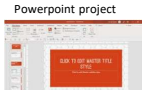
PHOTOSHOP GAME SLEEVE COVER DESIGN

Character Creation



Blurb review and creation

Typography on Game cover



Game Sleeve background editing

Colour blend layer

Mood board creation



Layers and montage practice

Baseline assessment

ASSESSMENT LITERACY LINK

Drilling and countersinking



Physical properties LITERACY LINK



Design Diary



SUMMATIVE ASSESSMENT



Finishing using different grades of wet and dry paper

Cutting spur with hacksaw, filing rough edges with file

Finishing mould with coping saw and files

Designing acrylic inserts

Pendant physical specification

Coping Saw: Practice cuts and re-building

What are the components of a coping saw?

PEWTER CASTING PROJECT

Self-evaluation

Which user-friendly features can we identify?

Gluing components

Using Drill to countersink

Countersinking of the acrylic

Drilling and screw fixing acrylic cover

Designing 8 different possible mould designs

What is a design brief and purpose?

YEAR 6



Using gent saw, ruler and files to shape maze walls

Using drill and hammer to insert pillar obstacles

Iterative design of the maze

Evaluation

SUMMATIVE ASSESSMENT



INTERIM ASSESSMENT

Cutting List

Aesthetic ideas

Function

Baseline assessment

Iterative design of the maze

Evaluation

SUMMATIVE ASSESSMENT

Key of structures



Scale design of Maze

Obstacles

What is a design specification?

What tools are found in a workshop? What do they do?

What is design technology?



MAZE PROJECT

YEAR 5

"Design is not just what it looks like and feels like. Design is how it works." Steve Jobs