

Completing your e-portfolio

The deadline for handing in your e-portfolio is **TUESDAY 26th APRIL** after Easter. You must hand in your final version of your PowerPoint electronically by saving it in **scratch>intake06>upload>FINAL SYSTEMS 2011 E-PORTFOLIO** folder by 11-05am on the day. If you fail to do so the last copy of your e-portfolio will be used for assessment and your grade **will** suffer as a consequence. **No** updates will be accepted after 11-05am.

Along with this pack there is an exemplar AQA PowerPoint which has been graded 'A' along with support guidelines, a copy of this sheet and the circuit and PCB diagram needed to produce one of the slides listed below, on the school website and follow Micosite link from Design and Technology or type www.flhs.org/D+T/syscon. You **MUST NOT** copy this or parts of it, but use it to guide how you put yours together. Every PowerPoint will be read in great detail, and any obvious similarities or plagiarised work will be marked down.

At the bottom of this sheet is an outline of what you should have done so far and what still needs to be done. If you have not kept up to date you must go back through your slides and make sure they are fully complete. Attached is some helpful information that may assist you when completing the outstanding slides.

What slides you should have done already under the correct headings

INVESTIGATING THE DESIGN CONTEXT- Problem/Brief
INVESTIGATING THE DESIGN CONTEXT - Task Analysis
INVESTIGATING THE DESIGN CONTEXT - Research
INVESTIGATING THE DESIGN CONTEXT - Analysis of Research

DEVELOPMENT OF DESIGN PROPOSALS - Specification and Input/Control /Output
DEVELOPMENT OF DESIGN PROPOSALS - Planning for Making
DEVELOPMENT OF DESIGN PROPOSALS - Modelling, CAD/Industrial Practices
DEVELOPMENT OF DESIGN PROPOSALS - Initial Design Ideas
DEVELOPMENT OF DESIGN PROPOSALS - Design Idea developments (sketches of model)
DEVELOPMENT OF DESIGN PROPOSALS - Design Idea developments (programming attempts)
DEVELOPMENT OF DESIGN PROPOSALS - CAD/CAM used
DEVELOPMENT OF DESIGN PROPOSALS - Final 3D sketch/image of model

MAKING - Evidence of making and modelling using photographs
(this may be spread over previous slides above or on a slide with the heading MAKING - make sure you explain these photos with notes)

What slides you still need to do (see overleaf for detailed help on slides listed below)

DEVELOPMENT OF DESIGN PROPOSALS - Design Idea developments (social, moral, environmental and sustainability issues)
DEVELOPMENT OF DESIGN PROPOSALS - Design Idea developments (circuit/PCB details)
DEVELOPMENT OF DESIGN PROPOSALS - Design Idea developments (drawing /sizes/cutting list)
DEVELOPMENT OF DESIGN PROPOSALS - Client issues, considerations and information
TESTING AND EVALUATION - Evaluation

DEVELOPMENT OF DESIGN PROPOSALS - **Design Idea developments (social, moral, environmental and sustainability issues)**

Use the help sheet and extract a few key points on each area (social issues, effect on environment, health and safety, sustainability), that you feel are relevant to your project. Make the sheet RELEVANT regarding the Health and safety of your model, tools used. Mention the environmental issues of recycling your model and its parts if made from wood etc. Use pictures to illustrate your comments.

DEVELOPMENT OF DESIGN PROPOSALS - **Design Idea developments (circuit/PCB details)**

Use the school website to access the circuit and PCB diagrams that need to be copied onto a slide with the above heading and then explain which input and output components you have used and relate them to the connections on the circuit board e.g have 4 outputs (2LEDs and 2 Motors) these are connected to Q1, 2 and M3 and 4 etc).

DEVELOPMENT OF DESIGN PROPOSALS - **Design Idea developments (drawing of model with finished sizes/dimensions and cutting list)**

Check the handouts provided with this sheet and look at the 3D final sketch and the working drawing sheet to see that both are the same model but the working drawing is drawn looking from 3 views (top, end and front) with the main sizes/dimensions on. This drawing is so that a third party could use your drawing to make your model, so put enough information on it. The cutting list is the main pieces of materials you asked for and their sizes to make your basic frame.

DEVELOPMENT OF DESIGN PROPOSALS - **Client issues, considerations and information**

This slide should refer to your original brief and the client you designed your display for, e.g. If displaying or advertising a film, you need to say and show why your design for your model has turned out the way it has, what it is trying to advertise, what benefits your model will bring to the client etc

TESTING AND EVALUATION - **Evaluation**

Look at the handout example provided with this pack, it is very detailed, yours may not have to be as detailed as this, as it does go a bit 'over the top'. However you must provide critical detail that analyses your project against what you said it was for, going to do and be like in your SPECIFICATION.

- MAKE SURE YOU PUT ALL YOUR SLIDES IN THE CORRECT ORDER TO MATCH THE MAIN HEADINGS WHEN YOU FINISHED THEM, SO IT FOLLOWS AND IS NOT MIXED UP.

The FOUR MAIN headed areas for your e-portfolio are;

- 1 INVESTIGATING THE DESIGN CONTEXT
- 2 DEVELOPMENT OF DESIGN PROPOSALS
- 3 MAKING
- 4 TESTING AND EVALUATION