

Yearly Exam 2011

Year 7 Media Technology Study Guide

Ms Brochard

Below is a summary of topics you will need to know for the exam.

Understanding Design & Technology

Definition of design

Definition of technology

Definition of Innovation

Design Process

The Steps in the Design Process

- Clarify the problem (Writing a design brief/criteria for evaluating success)
- Research & Investigate
- Generating ideas– creative ways of getting ideas (SCAMPER)
- Plan & Produce
- Marketing
- EVALUTION at all steps of the process – different ways of evaluating (PMI charts, peer evaluation)

Project Management

Identifying Resources

Time management – making a Gantt chart

Creating a multi-page word document (inserting page breaks, header & footer)

Photoshop

- Using basic tools (selection- quick selection, marquees, painting & eraser)
- Adding, hiding, deleting layers
- Layer blending modes (e.g. darken, screen, overlay)
- Adjusting colour using different techniques (Hue/Saturation, Colour Balance, levels)
- Combining images into one document
- Adding text – changing font, size & colour
- How to make things stand out in your design

Innovation

- Describe how one design you have researched has been improved over time

The exam

1 hour written exam

It will include:

- Short answer questions
- Unseen design problem(s)