CD Project

Introduction
In this project you are expected to apply the skills and knowledge you have learned so far. You will be given some guidance and deadlines but other than that you are expected to work out yourself what needs doing and in what order.

Although the quality of the final technological outcome is important the process of how you got there is also important. You must use good technological practice as you create the outcome. You will hand in a finished outcome, your visual diary and possibly a portfolio of other evidence of your practice.

Your task
You are to design a cover booklet for a CD case and a label to go on a CD. The CD is to be a collection of the work you will do this year in ICT. After completing the design for the booklet and the label you will then create them in Freehand.

Visual diary
You are expected to use a visual diary for this project. Your teacher should be able to find the following evidence in your visual diary:

- Generation of concept ideas
- Ongoing evaluation of concepts
- Concept development
- Notes showing design factors considered during concept development and evaluation
- Notes showing typography factors considered during concept development and evaluation
- Final solution design
- Notes on the final design about design principles
- Notes on the final design about typography
- Notes on the final design about where you will need to use advanced techniques in Freehand

The above list is things that must be in your visual diary. There are other things that you can choose to put in your visual diary or you can hand in in another form. These things include:

- Analysis of previous planning and outcomes
- Ongoing planning
- Resources required
- Ongoing evaluation and refinements made during the development of the outcome
- Final evaluation against the specifications in the brief

Technological practice does not always involve formulating the brief - sometimes this has already been done and your job is to produce a technological outcome that will meet the requirements of the brief. For this task you will start with a given brief.

The brief
Produce a CD cover booklet and a disc label to be used on a CD that contains all of the work that you will do this year in 10ICT.

Specifications:

Case cover booklet
- The booklet is to be four pages long
- The booklet must fit neatly and tightly inside the plastic CD case
- The first page is to act as an 'eye catching' title page that encapsulates some aspect of ICT
- The title page must contain your name, title for the CD, and a suitable graphic(s)
- Typography on the title page ensures legiblity
- Pages two and three provide an outline of the topics to be covered this year in ICT.
- Typography on pages two and three ensures readablity
- Page four must give your copyright details and have a suitable graphic(s).
- The booklet should be printed on one sheet (ie not two sheets glued together!)

Disc label
- The disc label must fit exactly over the disc with provision made for the hole in the centre of the disc
- The disc label must contain your name, title for the CD, and a suitable graphic(s)
- The disc label must have a consistent look to the cover booklet i.e. it must look like it belongs with the cover booklet.

General
- The layouts of the cover booklet and the disc label comply with the basic design principles
- Good typography principles have been applied
- There must be at least one complex drawing done in Freehand
- The cover booklet and label contain no spelling mistakes or other basic errors
- The cover booklet and disc label comply with copyright legislation

How to start

As you work through the process of producing the CD cover and label you are expected to use good technological practice. This means you should use what you learnt in the '*What is technological practice?*' handout. You should also refer to the attached assessment schedule which gives more detail of what is expected at each stage.

You must remember that the process you follow to develop the CD cover and label is as important as the actual cover and label.

As the year progresses you will be expected to work out what needs doing yourself, but for this project we will give you some guidance of how to approach the project. The following points need to be considered. Remember that technological practice is not a step-by-step linear process so you don't just start at the top of the list and work down!

- Analyse your previous planning
  Before you start a new project you should think back to your last project and see if there any lessons you can learn from it and apply to the new project. For example you might have run out of time or not left enough time for final checking. Think back to a previous technology project and analyse what went well and what you could improve. List some implications for this project.

- Initial planning
  Create an initial plan. Consider using some visual way to show your initial plan. Clearly identify key stages and the expected time involved. Identify the main resources you need.

- Review your planning
  You should keep reviewing your planning as you go and adjust it as necessary.

- Ideas and concept design
  Develop some concept designs in your visual diary. Evaluate the different concepts and choose one concept for further development. Make notes in your visual diary beside each concept that explain how you considered design principles and typography.

- Analyse previous technological outcomes
  Just like you looked at your own previous technology projects to see if you could learn any lessons about your planning – you should also look at the actual outcomes you made in previous technology projects. Can you learn anything from these projects? Think back to a previous technology project and analyse the final outcome. List some implications for this project.

- Analyse other technologist's outcomes
  An important step before you start on the development of your solution is to see what others have done. Modification of existing ideas is a great way for a technologist to work. Analyse other data CDs (or even audio CDs). As part of your analysis you could consider how the technologist has used the design principles and knowledge of typography.

- Final solution design
  Now that you have looked at the outcomes you have produced in previous technology projects and the outcomes produced by other technologists you can go back to your initial concepts in your visual diary and start developing a final solution design.

- Developing the solution
  Create your technological solution in Freehand following the plan in your visual diary. As you create your solution you should evaluate it as you go and make any refinements as necessary.

- Final evaluation
  Once you have finished evaluate the final solution against the specifications in the brief.

Assessment

You will be assessed on your final outcome and the process you followed to reach that outcome. You will get a 1-5 grade for each of the following aspects:

- Planning for practice
- Outcome development and evaluation
- Quality of the final outcome
- Technological knowledge

Assessment schedule

Planning for practice	
Grade	Criteria
5	Analyse your previous practice to identify implications for current practice. Use planning tools to support, document and justify ongoing planning decisions. Select and manage all resources required for completion of the outcome
4	Analyse your previous practice to identify implications for current practice. Use planning tools to support and document ongoing planning decisions. Select all resources required for completion of the outcome
3	Use planning tools to support planning decisions. Select all resources required for completion of the outcome
2	Planning is carried out but it is superficial.
1	Limited understanding of planning for practice.

Outcome development and evaluation	
Grade	Criteria
5	Carry out an analysis of your own previous outcomes and the outcomes of others to inform the current outcome development. Develop conceptual ideas that communicate feasible outcomes that are justifiable in terms of the brief. Develop the outcome with ongoing evaluation and refinement through the development process. Determine suitable resources to enable the development of the outcome.
4	Carry out an analysis of your own previous outcomes to inform the current outcome development. Develop conceptual ideas that communicate feasible outcomes that are justifiable in terms of the brief. Develop the outcome with ongoing evaluation and refinement through the development process. Determine suitable resources to enable the development of the outcome.
3	Develop conceptual ideas that communicate feasible outcomes. Develop the outcome with ongoing evaluation and refinement through the development process. Determine suitable resources to enable the development of the outcome.
2	An outcome is developed and evaluated but work is superficial
1	Limited understanding of outcome development and evaluation

Quality of the final outcome	
Grade	Criteria
5	Meets all the requirements of the brief and shows evidence of how the use of a range of advanced techniques has enhanced the quality of the outcome
4	Meets most of the requirements of the brief and shows evidence of how the use of an advanced technique has enhanced the quality of outcome
3	Meets the main requirements of the brief
2	Meets some requirements of the brief
1	Unfinished or doesn't address the brief

Technological knowledge	
Grade	Criteria
5	In-depth evidence of knowledge of all the principles of document design and typography
4	Evidence of knowledge of most of the principles of document design and typography
3	Some evidence of knowledge of the principles of document design and typography
2	Superficial evidence of document design and typography
1	Limited evidence of knowledge