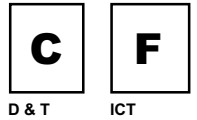


ICT ACTIVITY 23

Using a design package to create a CD cover and use AppleWorks to present a slideshow.

Year Group: Year 10



Resources

AppleWorks, Photoshop, Scanner

Context (Pupils' prior experience)

Pupils have been working on typography and different methods of typography. They have also been focusing on layout by comparing traditional and drawing methods with CAD.

Task Description

To design and produce 2 CD covers and evaluate the advantages and disadvantages of TRAD and CAD.

- Lesson
- 1) Internet for research;
 - 2) Using AppleWorks to create a range of typographic design ideas;
 - 3) Creating a professional design layout;
 - 4) Evaluation – comparing hand-drawn and CAD CD covers.

Learning Intentions

D & T: Knowledge and Understanding	ICT: Skills, Knowledge and Understanding	D & T GCSE Level
Producing simple complete CD covers using two fonts and using AppleWorks.	Using extended features of AppleWorks to explore design opportunities to create design to meet the needs of an audience	E - G
Produce two complete CD covers having experimented with fonts, sizes and typography sizes and weights.	As above, but using graphic icons as well as typography (e.g. ellipse tool).	C - D
Use a range of software, including AppleWorks and Photoshop. Manipulate images and fonts in a variety of ways.	All above, and additionally exploring AppleWorks and Photoshop. Importing a wide range of media to meet the needs of intended audience (including scanning photos).	A* - B
D & T POS related to task: 1a, 1b, 1c, 1e, 1f, 1g, 2a, 2b, 2c, 3a, 3c, 6a, 6b, 6c. GCSE Graphic Product Syllabus - F7, C8 & A8.	ICT POS related to task: 1a, 1b, 2a, 2b, 2d, 4a, 4b, 4c.	

Teaching Approach

Whole class D&T lessons with whole class demonstrations of software in D&T labs. Whole class ICT skills lessons in ICT Suite. Differentiation by outcome.

Links with other curriculum areas

Literacy: writing a report.

Art: investigate, combine and manipulate images, taking account of purpose and audience.

Subject Learning Gains (D & T)

The pupils produced a professional quality product. They were able to see the difference between traditional drawing methods and CAD. The quality of the finished product could not have been possible without the use of a CAD software package, which enabled extensive manipulation of colour, shape, texture and so on.

This pupil has reached
Grade A
GCSE D & T.

Teachers' Assessment

SCREEN! Screen! records are a new record label that promote artists from a wide range of musical backgrounds.

A new band is to be signed to Screen! and must be marketed and promoted.

design brief
As a member of the graphic design team, you are required to:-

1. Come up with an effective name for the band and the album title
2. Design and produce the cover of the debut album of

You will be expected to produce two design solutions:

Hand drawn / cut 'n' paste
Computer generated

In this project you will be making a comparison between traditional graphic design methods and computer aided design (CAD)

You will also be experimenting with typography - creating imagery using just lettering and text.

Project #1

Design Brief given to students to introduce project.

Student's typography ideas created using ClarisDraw. Graphic devices have been used to enhance the overall effect of the logos.

Student's final design for CD cover. Background image manipulated and typography distorted in Photoshop then cut and pasted into AppleWorks to add final detail such as listings and barcode. A high quality professional result.

final cd cover - front + back



Pupils' Evaluation

Pupils' Work

EVALUATION

I have designed two final cd cover proposals for BLAZE's debut album. I have produced one TRAD and one using CAD.

CAD	
Advantages	Disadvantages
Fast Looks good Easy to correct mistakes Lots of fonts Image editing easy Work can be copied quickly	Computer can crash Expensive to set up system/software Trouble shooting can be hard

TRAD	
Advantages	Disadvantages
It's cheap Shading/sketching Can create freehand fonts	Slow Hard to draw fonts Corrections are time consuming Hard to make multiple copies Unprofessional

Conclusion

After comparing TRAD design with CAD design, I have found computer aided design to be the better of the two. There are more disadvantages with TRAD design and although computers are expensive they are a worthwhile investment. They provide professional looking work, contain many fonts and work is done at a fast rate.