

Unit 1: What is Multimedia?

1. Read and practice the skills outlined in the Powerpointinteractive.pdf file
2. Create an interactive powerpoint presentation using the project guidelines below
3. Use the text in Italics as part of your presentation.
4. Specific instruction on how to create examples will be given as the project progresses
5. Keep a project diary (in digital format) outlining the tasks you have performed each day and the software/hardware and skills you have used to perform those tasks.

Eg. 21/2/2014 Created a simple stop motion animation using a tripod mounted digital camera to take the photos and windows movie maker to stitch them together. Learnt how to take photos with a digital camera and upload them to the computer. Also learnt how to import pictures to movie maker and set the frame display rate.

Project Guidelines

Slide 1

Title - *What is Multimedia?* and *your name*

Slide 2

Introduction -

Multimedia refers to content that uses a combination of different media elements, most often in digital format.

Slide 3

The Forms of Multimedia

Multimedia takes two main forms

- *Linear*
- *Non – Linear*

Write a brief explanation of the difference between Linear and Non-Linear forms of Multimedia
Give one example of each

Slide 4 - Media Elements

Media elements used in multimedia include:

(Each of the headings below should be represented by a button which will take the user to a slide about the item - each page should also have a button to return to the menu page - Media Elements)

Slide - Text

- *Scalable and non-scalable fonts*

(Explain briefly the difference between scalable and non-scalable fonts)

- *Serif and san-serif fonts*

(Explain the difference between serif and san-serif fonts and show an example of each)

- *Symbols*

(Explain what symbol fonts are and show examples)

- *Text as graphics eg. Word Art*

(Explain the difference between text as graphics and normal text and show some examples)

Slide - Audio

- *Soundtracks*

(Explain the meaning of the word soundtrack)

- *Voice overs*

(Explain what a voice over is)

- *Music*

(Explain the difference between music created using sampling software and music created using Midi Notation software - Create examples of both and embed them in the page as a playable file)

- *Sound Effects*

(What are sound effects and how are they used - embed some as playable files on the slide)

Slide - Still Images

- *Photographs*

(Put a photograph you have taken on the slide)

- *Digital Drawing*

(What is digital drawing and provide an example you have created)

- *Digital Painting*

(What is digital painting and provide an example you have created)

- *Rendered 3D images*

(What is a rendered 3D image and provide an example of one you have created)

Slide - Animation

- *2D and 3D*

(What is the difference between 2D and 3D animation - create playable examples of both types and embed them on this slide)

- *Stop frame*

(What is stop frame or cel animation and create a playable example to embed on this slide)

- *Path*

(How does path animation work and create a playable example to embed on this slide)

Slide - Video

- *Live action*

(record and embed a short live action video on this slide)

- *Live action/animation*

(Give an example of a movie that has used a combination of live action and traditional animation techniques)

- *Live Action/CGI (Computer Generated Imaging)*

(Give an example of a movie that uses live action and CGI to create additional characters and special effects)

Slide - Interactivity

- *Navigation*

(What does navigation refer to in regards to interactivity?)

- *Simulation*

(What is simulation used for and give an example of where it may be used)