

Assessment – Student Copy

For Achievement Standard 91634

Subject Reference: Digital Technologies 3.42

Title: Demonstrate understanding of complex concepts of digital media

Version 2

Level 3, Credit 4

Achievement Criteria:

Achievement Demonstrate understanding of complex concepts of digital media	Achievement with Merit Demonstrate in-depth understanding of complex concepts of digital media	Achievement with Excellence Demonstrate comprehensive understanding of complex concepts of digital media
<ul style="list-style-type: none">• explaining complex tools and techniques used to present content with reference to different complex digital media outcomes• discussing design elements associated with complex digital media outcomes• explaining why content needs to be manipulated to be used across media types• explaining the implications of adhering to digital media standards and conventions to present content in complex digital media outcomes• explaining why data integrity and testing procedures are used in the development of complex digital outcomes• explaining the legal, ethical and/or moral requirements associated with complex digital media outcomes	<ul style="list-style-type: none">• explaining how complex tools and techniques allows for the effective manipulation of content for use across media types• discussing legal, ethical and/or moral considerations in relation to the responsibilities associated with complex digital media outcomes in the wider community	<ul style="list-style-type: none">• discussing the relationship between complex tools, techniques, design elements and legal, ethical and/or moral considerations in relation to the requirements and responsibilities associated with complex digital media outcomes

I give permission for my assessment to be used for moderation purposes

.....Student

Student instructions

Introduction

This assessment activity requires you to investigate dynamic websites with image galleries and demonstrate your understanding of the complex concepts involved in their construction and functioning.

You are expected to investigate at least two dynamic websites with image galleries. One of these outcomes may be your own (AS 91635 covers the creation of a dynamic image gallery website) or you can use two outcomes developed from other sources. You must consult with your teacher to ensure there are sufficient advanced tools in the case study websites chosen as the subjects for this assessment

You will be required to create a presentation with accompanying background research.

You will be assessed on the depth and comprehensiveness of your understanding of complex concepts of digital media



Context/setting

You will achieve this standard by researching two Digital Media outcomes that are dynamic websites with image galleries. In this assessment activity, you are required to demonstrate understanding of the complex concepts of digital media.

Your teacher may provide you with a suitable websites as the assessment case studies, or you may choose your own in consultation with your teacher. The websites must be dynamic and each feature at least one image gallery with a combination of media types including text, web languages, audio, video, graphics, animation or still images

You will need to produce evidence in your report of multiple examples of each of the following:

- Complex tools and techniques used in the creation of the websites
- Design elements used on the web pages
- Content that has been manipulated to make it suitable for the web
- Evidence of digital media standards and conventions adhered to in the websites

You will also need to why data integrity and testing procedures are important in the development of this type of website and review legal and ethical issues in terms of the case study websites

Presenting the Findings

You will use your research notes to present your findings in a form negotiated with your teacher, and produced in any media that clearly communicates your understanding of advanced concepts of digital media. This may include a presentation or a portfolio

Make sure you include annotated screen shots to illustrate the key points of your discussion.

You will be assessed on the depth and comprehensiveness of the discussion in their portfolio

Conditions

This is an individual assessment activity. You have six weeks of in-class and out-of-class time to gather the evidence they require for their portfolios

Ideally this assessment would be carried out over a period of time, gathering evidence from a variety of sources including:

- The teaching notes provided with this assessment pack
- Your own investigation and research
- Teacher generated examples

Assessment Tasks

Create your portfolio

Confirm the format and your case study websites with your teacher.

Using your research, plan and create a portfolio of evidence that demonstrates your understanding of the complex concepts of digital media with particular reference to your case study website.

As you research the case study websites, make notes about:

- Complex tools and technique used in the creation of the websites
- The design elements used in the websites
- The way content has been manipulated to suit the websites
- Digital media standards and conventions used and why these are important
- Data Integrity and testing procedures and why these are important in the development of dynamic websites
- The legal, ethical and moral considerations that are relevant to the creation of a website. Why these legal and ethical considerations were important in the case study websites.

Prepare a presentation in a suitable format such as PowerPoint to deliver to your teacher or class. In your presentation you are expected to:

- explain the complex tools and techniques used to present content and how this allows for effective manipulation, referring to different galleries in different websites
- discuss design elements associated with different galleries in different websites
- explain why content needs to be manipulated and how complex tools and techniques allow for effective manipulation of content for use across media types
- explain the implications of adhering to digital media standards and conventions to present content in different galleries in different websites
- explain why data integrity and testing procedures are used in the development of different galleries for different websites
- explain and discuss the legal, ethical and/or moral requirements associated with galleries in different websites and in relation to the responsibilities to the wider community
- discuss the relationship between complex tools, techniques, design elements and legal, ethical and/or moral considerations in relation to the requirements and responsibilities associated with different galleries in different websites.

Include in or with your presentation written speaker notes that provide detailed analysis and explanation of each point in your slides and any support documentation

Present your understanding of the complex concepts involved in dynamic image galleries to your teacher and/or class.

Include a bibliography of all sources.

Submit your presentation and bibliography to your teacher. The presentation is to follow the following outline

Task 1

Introduction

Introduce your case study websites and the subjects you will be covering

Provide an overview of the complex concepts you intend to cover

Task 2

Complex tools and techniques used to create, edit and integrate digital media

Achieved

Explain the complex tools and techniques used to present content in each of your case study websites -

Explain how these tools and techniques allow the galleries to work

Compare and contrast the use of complex tools and techniques and how these are used to present images and text within the image galleries

Task 3

Design Elements and Complex Digital Outcomes

Achieved

Discuss a representative sample of design elements used in the case study websites

Task 4

Manipulating Content across Media Types

Achieved

Explain why content needs to be manipulated to be used across media outcomes

Merit

Explain how complex tools and techniques allow for the effective manipulation of content for use across media outcomes

Task 5

Digital Media Standards and Conventions

Achieved

Outline web standards and conventions

Identify web standards and conventions used in the development of the case study websites

Explain the reasons for the development of web standards and the consequence of ignoring them

Task 6

Data Integrity and Testing Procedures

Achieved

Outline what data integrity and testing procedures could have been used in the development of the case study websites

Explain why data integrity and testing procedures are necessary in the development of the case study websites

Task 7

Legal, Ethical and/or Moral Requirements

Achieved

Explain the legal, ethical and/or moral requirements associated with dynamic websites with image galleries

Outline the legal, ethical and/or moral requirements are in relation to the case study websites

Merit

Discuss the legal, ethical and/or moral considerations in relation to the responsibilities associated with the case study websites in the wider community

Excellence

Discuss the relationship between complex tools, techniques, design elements and legal, ethical and/or moral considerations in relation to the requirements and responsibilities associated with complex digital media outcomes