READ THIS DOCUMENT BEFORE YOU START THIS ASSESSMENT TASK

Arthur Phillip High School
Assessment Task Advice

Course: Industrial Technology Multimedia Year: 9
[Stage 4; School Certificate; Preliminary HSC; HSC]

Area/s of study: 3D Modelling Task Number: 4

Date Issued: Week 1, Term 4 Date Due: Week 4 and 7, Term 4

Mark out of: 100 Weighting: 20%

Task Type:
Practical Project and report.

Task Description:
See Attachment – Website Assessment Activity

Outcomes being assessed by this task:
5.2.1 5.2.2, 5.3.1, 5.3.2, 5.5.1, 5.6.1

Specific submission instructions
1. Students are to hand a Softcopy to the teacher onto which the 3D Model, including the report is copied, on the due date or earlier.
2. If the assessment task is handed in late, 10% of the assessed mark will be deducted from the student’s assessed mark for each day late for up to five school days.
3. If the assessment task is more than 5 days late, zero marks will be awarded.
4. If the assessment task is more than 10 days late, zero marks will be awarded and a warning letter will be sent.

Criteria for assessment/marking guidelines/Assessment rubric:
See Attachment – Website Assessment Activity

Additional information
Include this Assessment task advice sheet with the report for marking purposes.
Industrial Technology Multimedia

WEBSITE

ASSESSMENT ACTIVITY

**Introduction**

You are required to create a 3D Model with a theme which is “a Medieval Castle”. Students are to design a 3D model that will allow them to imagine and create aspects of a Medieval Castle.

There are two components to this assessment task; the 3D Model and a design folio page which shows how you managed the project and created the Model.

**The design folio**

This is the document in which you will record all information used in the design and production and evaluation of your 3D Model, it is to be handed in with your Model.

The following must be included in your folio;

**The design phase:**

- Identify the target audience, key features of the Model and the brainstorming processes behind these decisions.
- Describe and justify your use of features such as; Structure, Gates, Windows, Rendering and size etc.
- Research and data gathering. The 3D Model must be your own work. Details of information sources (including images and other models) used, are to be recorded.
- References – You must list all websites accessed in researching your 3D Model and all other sources of information.
A series of screenshots which prove that you developed the 3D Model yourself. That is, you didn’t just download it or copy someone else’s Model.

- Time Management – Some sort of time plan (showing the tasks and the time taken to complete them) or preferably a Gantt Chart should be used to plan your time.

**The Production Phase**

*Note: Use only software available at Arthur Phillip High School, ie.*

- Google Sketchup: Easy
- Animator: Moderate
- 3D Studio max: Difficult

- While you are in the process of creating your Model you must record your progress and any changes in the Model or how you are producing it in your folio.

Your Model must contain or do the following:

- It needs to look realistic and be modeled to scale.
- It should be a reasonable size, say 100m square, or larger.
- Include a variety of 3D shapes, ie. Rectangular and circular towers walkways and properly shaped openings, etc.
- Use appropriate surface finishes
- Include human figures, vehicles, trees etc for realism, (these may be downloaded.)

- You must manage the time you have been allocated efficiently and record work done showing **times and dates**

- You will also be marked on imagination, innovative thinking, and creativity for your Model.

- Marks will also be awarded for your technical ability.

**The Evaluation Phase**

This involves evaluating the finished model and the way in which the work was done.

- Clear conclusion noting degree to which your project was successful and how this is justified.

**NOTE:** There is to be no obscene, racist, sexist, offensive or inappropriate content. If this occurs a zero mark will be awarded and disciplinary action will be taken.
## GRAPHICS

<table>
<thead>
<tr>
<th>Student name:</th>
<th>Mark</th>
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### Part one - Design

5.3.1 justifies the use of a range of relevant and associated materials
5.3.2 selects and uses appropriate materials for specific applications

Digital prototype
- Identify the target audience, key features of the Model and the brainstorming processes behind these decisions /5
- Describe and justify your use of features such as; Structure, Gates, Windows, Rendering and size etc. /5
- A series of screenshots which prove that you developed the 3D Model yourself /15

Teacher comment

### Part two - Production

5.2.2 identifies, selects and competently uses a range of hand and machine tools, equipment and processes to produce quality practical projects

Your Model must contain or do the following;
- It needs to look realistic and be modeled to scale. /10
- It should be a reasonable size, say 100m square, or larger. /5
- Include a variety of 3D shapes, ie. Rectangular and circular towers walkways and properly shaped openings, etc. /5
- Use appropriate surface finishes /5
- Include human figures, vehicles, trees etc for realism, (these may be downloaded.) /5

5.2.1 applies design principles in the modification, development and production of projects
- While you are in the process of creating you Model you must record your progress and any changes in the Model or how you are producing it in your folio. /10
- You will also be marked on imagination, innovative thinking, and creativity for your Model. /10
- Marks will also be awarded for your technical ability. /10

Teacher comment

### Part three - Evaluation

5.6.1 evaluates products in terms of functional, economic, aesthetic and environmental qualities and quality of construction
- Clear conclusion noting degree to which your project was successful and how this is justified. /5

5.5.1 applies and transfers acquired knowledge and skills to subsequent learning experiences in a variety of contexts and projects

Report
- You must manage the time you have been allocated efficiently and record work done showing times and dates. This is to include screen shots of your progress throughout the construction of your castle. /10

Teacher comment

**Evaluation Total** /15

## PROJECT TOTAL

/100