



# Loreto College Coorparoo

## Semester 2 2021

### YEAR 7 Technology: Digital & Design

<b>Student</b>		<b>Teacher</b>	Mr Joyce (7D & E) & Mr Wright (7C)
<b>Issued</b>	5/10/2021	<b>Due Date</b>	7D Thur 11 <sup>th</sup> Nov P2 / 7E Fri 12 <sup>th</sup> Nov P4
<b>Unit</b>	CAD & Interior Design		

#### Conditions

<b>Technique</b>	Creation of digital and manual designs		
<b>Duration</b>	6 Weeks		
<b>Mode</b>	Project Based Learning	<b>Length</b>	
<b>Individual/ group</b>	Individual	<b>Other</b>	
<b>Resources available</b>	Room 228 & 210, Dig Tech Portal, CAD & Design equipment		

<b>Assessment Dimensions</b>	<b>A+</b>	<b>A</b>	<b>A-</b>	<b>B+</b>	<b>B</b>	<b>B-</b>	<b>C+</b>	<b>C</b>	<b>C-</b>	<b>D+</b>	<b>D</b>	<b>D-</b>	<b>E+</b>	<b>E</b>	<b>E-</b>
1. Knowledge & Understanding															
2. Processes & Production Skills															

#### Authentication strategies

The teacher will provide class time for task completion.
The teacher will consult with each student as they develop their responses.
Student progress will be monitored and digital copies of student responses collected at checkpoints.

## CRITERIA SHEET

		A	B	C	D	E
<b>The folio of a student's work has the following characteristics:</b>						
Design & CAD	<b>K &amp; U</b>	<b>comprehensive</b> explanation of how the features of CAD impact on designed solutions and influence design decisions	<b>detailed</b> explanation of how the features of CAD impact on designed solutions and influence design decisions	explanation of how the features of CAD impact on designed solutions and influence design decisions	<b>partial</b> explanation of how the features of CAD impact on designed solutions and influence design decisions	<b>statements</b> about how the features of CAD impact on designed solutions and influence design decisions
	<b>P &amp; PS</b>	<b>purposeful</b> creation and adaptation of design ideas, making <b>well</b> -considered decisions	<b>effective</b> creation and adaptation of design ideas, making considered decisions	creation and adaptation of design ideas, making considered decisions	<b>partial creation</b> and adaptation of design ideas, making decisions	<b>fragmented</b> creation and adaptation of design ideas
Interior Design	<b>K &amp; U</b>	<b>comprehensive</b> explanation of factors that influence the interior design of specific environments to meet present and future needs	<b>detailed</b> explanation of factors that influence the interior design of specific environments to meet present and future needs	explanation of factors that influence the interior design of specific environments to meet present and future needs	<b>description</b> of factors that influence the interior design of specific environments to meet present and future needs	<b>statements</b> about factors that influence the interior design of specific environments to meet present and future needs
	<b>P &amp; PS</b>	<b>proficient</b> and consistent production of an effective House design.	<b>consistent</b> production of an effective House design.	production of an effective House design.	<b>guided</b> production of an effective House design for the intended purpose	<b>guided</b> production of a House design.

### Context

You will design and create digital responses for a range of problems.

### Task

You are to:

- Complete CAD Tasks – Shapes, Pendant and Train (*using 123D Design software*)
- Submit a design folio detailing your Celebrity House Design. It should include a Mind Map, sketched floor plan designs, rendered views of SweetHome 3D model and an Evaluation.

### CHECKPOINTS

Week 4 of Term 2 — progress check (CAD Task – Shapes, Pendant & Train)

Week 6 of Term 2 — progress check (Celebrity House Design)

### To complete this task, you must:

Refer to the detailed instructions provided on the Digital & Design Portal at:

[http://dt.loreto.qld.edu.au/7\\_DD/CAD/1\\_CAD\\_intro.html](http://dt.loreto.qld.edu.au/7_DD/CAD/1_CAD_intro.html)

[http://dt.loreto.qld.edu.au/7\\_DD/House\\_Design/1\\_intro.html](http://dt.loreto.qld.edu.au/7_DD/House_Design/1_intro.html)

### ETHICAL SCHOLARSHIP DECLARATION – CAD & House Design Unit

I, \_\_\_\_\_, confirm and acknowledge that the work produced in this assessment piece, including sketches and digital models, is my own. Any words/phrases that I have used from other sources have been referenced and acknowledged.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_