



Loreto College Coorparoo Semester 2 2021

YEAR 8 Technology: Digital & Design

Student		Teacher	Mr Joyce (8B) & Mr Morgan (8A)
Issued	13/7/2021	Due Date	TBC – 8B 31/8/21 P4, 8A 2/9/21 P4
Unit	Clock Design		

Conditions

Technique	Creation of design folio using manual and digital design techniques.		
Duration	8 Weeks		
Mode	Project Based Learning	Length	
Individual/ group	Individual	Other	
Resources available	Dig Tech Portal, CAD & Design equipment (including Carvey machine)		

Assessment Dimensions	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E+	E	E-
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 will be collected at checkpoints.

CRITERIA SHEET

		A	B	C	D	E
The folio of a student's work has the following characteristics:						
Product Design	K & U	comprehensive explanation of factors that influence the design of a clock to meet the needs of the intended user.	detailed explanation of factors that influence the design of a clock to meet the needs of the intended user.	explanation of factors that influence the design of a clock to meet the needs of the intended user.	description of factors that influence the design of a clock to meet the needs of the intended user.	statements about factors that influence the design of a clock to meet the needs of the intended user.
	P & PS	purposeful creation and adaptation of design ideas, making well -considered decisions	effective creation and adaptation of design ideas, making considered decisions	creation and adaptation of design ideas, making considered decisions	partial creation and adaptation of design ideas, making decisions	fragmented creation and adaptation of design ideas

Context

You will create a digital folio that documents your Clock Design at each stage of the design process.

Tasks

You are to complete the tasks below and present them in your Publisher folio:

- Quick Draw Tasks (*Formative*)
- Brainstorming Mind Map & Design Criteria list (*Summative*)
- Clock Design sketches (*Summative*)
- Synthesis sketch of chosen design (*Summative*)
- Final Design created in Adobe Illustrator (*Summative*)
- Final Design created using Easel software (photo of 'carved' Clock or screen grab from Easel. (*Summative*))
- Evaluation of Clock Design (*Summative*)

CHECKPOINTS

Week 3 of Term 3 — progress check (Mind Map & Design Sketches)

Week 6 of Term 3 — progress check (Synthesis & Illustrator Final 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/8_DD/Clock_design/1_intro.html

ETHICAL SCHOLARSHIP DECLARATION – Clock Design

I, _____, confirm and acknowledge that the work produced in this assessment is my own. Any words/phrases that I have used from other sources have been referenced and acknowledged.

Signed: _____ Date: _____