Loreto College Coorparoo
Semester 1 2021

YEAR 8 Technology: Digital & Design

Student		Teacher	Mr Joyce (8B) & Mr Morgan (8A)
Issued	1/2/2021	Due Date	8A Thur 18/3/21 P3, 8B Fri 19/3/21 P6
Unit	Spreadsheet & Database Designs		

Conditions			
Technique	Exploration and creation of Spreadsheets & Databases		
Duration	8 Weeks		
Mode	Project Based Learning	Length	
Individual/ group	Individual	Other	
Resources available	Technology Portal, Microsoft Office, Laptops		

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 response.
Student progress will be monitored and copies of student digital responses collected at checkpoints.

CRITERIA SHEET

		A	B	C	D	E
		The folio of a student's work has the following characteristics:				
Spreadsheets	K & U	**comprehensive** explanation of how the features of technologies impact on designed solutions and influence design decisions for each of the prescribed technologies contexts	**detailed** explanation of how the features of technologies impact on designed solutions and influence design decisions for each of the prescribed technologies contexts	explanation of how the features of technologies impact on designed solutions and influence design decisions for each of the prescribed technologies contexts	**partial** explanation of how the features of technologies impact on designed solutions and influence design decisions for each of the prescribed technologies contexts	**statements** about how the features of technologies impact on designed solutions and influence design decisions for each of the prescribed technologies contexts
	P & PS	**discerning** analysis and evaluation of data from a range of sources to model and create effective Spreadsheets	**informed** analysis and evaluation of data from a range of sources to model and create effective Spreadsheets	analysis and evaluation of data from a range of sources to model and create effective Spreadsheets	**explanation** of data from sources to model and create Spreadsheets	**statements about** data to model and create Spreadsheets
Databases	K & U	**comprehensive** distinction between different types of data types and their defined purposes	**detailed** distinction between different types of data types and their defined purposes	distinction between different types of data types and their defined purposes	**identification of** different types of data types and their defined purposes	**statements about** data types
	P & PS	**systematic** testing, modification and **proficient** implementation of database solutions	**reliable** testing, modification and **effective** implementation of database solutions	testing, modification and implementation of databasel solutions	**partial** testing **or** modification and **partial** implementation of database solutions	**fragmented** testing **or** modification **or** implementation of database solutions
Cummulative Grades	K & U					
	P & PS					
Final Grade						

Context

You will learn how to design, test and modify Spreadsheets & Databases.

Tasks

You are to:
- Complete the following Spreadsheet Tasks
  - ➢ Music Spreadsheets *(Formative)*
  - ➢ Price Checker *(Summative)*
  - ➢ Mark Book *(Summative)*
  - ➢ Liam's Lawns *(Summative)*
  - ➢ Spreadsheet Reflection *(Summative)*
- Complete Database Tasks
  - ➢ Homeroom Database *(Formative)*
  - ➢ Movie Database *(Summative)*
  - ➢ Database Quiz *(Summative)*
  - ➢ Database Reflection *(Summative)*

CHECKPOINTS

☐ Week 4 of Term 1— progress check (Spreadsheet Tasks)

☐ Week 7 of Term 1 — progress check (Database Tasks)

To complete this task, you must:
Refer to the detailed instructions provided on the Technology Portal at: **http://dt.loreto.qld.edu.au/8_DD/excel/1_spreadsheets.html** **http://dt.loreto.qld.edu.au/8_DD/databases/1_intro.html**

ETHICAL SCHOLARSHIP DECLARATION – Spreadsheets & Databases Unit
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: _____