Design a Digital Scene Project and Programming Rubric

This rubric does not mimic the Create Performance Task. It covers key practices and programming concepts taught in Unit 3.

Concept	Limited / No Evidence (0)	Inconsistent Evidence (1)	Strong Evidence (2)	Score
Comments	The program includes no / extremely limited commenting.	The program includes comments but not in all sections. Comments may not effectively clarify the purpose or functionality of the program.	Comments are used consistently. Comments help clarify the purpose or functionality of the program.	
Function and Parameter Names	Function and parameter names do not clearly indicate their purpose. Consistent naming conventions are not used.	Function and parameter names sometimes indicate their purpose. Consistent naming conventions may be used.	Function and parameter names indicate their purpose. Consistent naming conventions are used.	
Functions and Abstraction (Top Down Design)	The program makes limited use of functions. The program does not make use of layers of functions.	The program uses functions but the program may not feature high level and low level functions. There may be missed opportunities to simplify program expression through the use of functions.	Top Down Design clearly used to divide the program into layers of functions. Lower level functions have been further divided into layers when necessary.	
Functions with Parameters	The program does not feature a function with a parameter or the parameters are not used in the function.	A function with a parameter is present, but the parameter is not used in a meaningful way - OR - the function is not called with different values supplied to the parameter (called with the same values every time)	A function with a parameter is present. The parameter controls a meaningful component of the function's behavior. The function is called with different values given to the parameter.	
Loops	The program does not use loops.	The program uses loops inconsistently. There are sections of repeated code that should be placed within a loop.	Loops are used consistently when there is a need to repeatedly run the same block of code.	
Collaboration	Group planning document may be incomplete. In-class communication was limited. Final project may not include code from each member of the team. Comments may not be used to indicate who wrote different sections of the final program.	There is some evidence of effective collaboration. For example the group planning document is complete but in-class communication was weak, leading to program components that do not mesh well.	Group planning guide, classroom participation, and final program code reflect consistent effective collaboration. All team members are assigned significant portions of program. Team members communicated effectively during in-class programming time. Final program includes comments reflecting who completed which sections of the program.	