

Year 9 Makerspace Unit 3 Assessment Rubric

Plan and Design - Journal (2 credits)

Not Achieved	Achieved	Merit	Excellence
Student passively attempts to fulfill assignment without much thought or exploration of possibilities. Student does not explore more than one idea.	Developing exploration of possible solutions and innovative thinking during planning stage. Student has more than one idea but does not pursue.	Student explores multiple solutions during planning stage and innovative thinking develops and expands during project.	Consistently displays willingness to try multiple solutions during planning stage and asks thought provoking questions, leading to deeper, more innovative solutions. Student fully explores multiple ideas and iterations.
The solution design process is detailed in few entries. There is no evolution of design. There are few diagrams and they are unlabelled.	The solution design process is detailed in a couple of entries. There is little evolution seen in the design. There are few diagrams and few labels.	The solution design process is detailed in several entries. There is a clear evolution of design. There are diagrams, which are missing some labels.	The solution design process is detailed in several entries. There is a clear evolution of design. There are diagrams, which are neatly labelled.

Project Development (2 credits)

Not Achieved	Achieved	Merit	Excellence
Student shows little awareness of their process. The work does not demonstrate understanding of the problem and solution.	Student demonstrates some self-awareness. Work shows some understanding of problem and solution, but student cannot justify all of their decisions.	Student shows self-awareness. Work demonstrates understanding of problem and solution and most decisions are conscious and justified.	Work reflects a deep understanding of the complexities of the problem and solution. Every decision is purposeful and thoughtful.

Work is messy and craftsmanship detracts from overall presentation.	Work is somewhat messy and craftsmanship detracts somewhat from overall presentation.	Work is neat and craftsmanship is solid.	Work is impeccable and shows extreme care and thoughtfulness in its craftsmanship.
Work is not completed in a satisfactory manner. Student shows minimal effort. Student does not use class time effectively.	Work complete but it lacks finishing touches or can be improved with a little effort. Student does just enough to meet requirements.	Completed work in an above average manner, yet more could have been done.	Completed work with excellence and exceeded teacher expectations. Student exhibited exemplary commitment to the project.

Competencies

Critical Thinking - Make connections and see patterns between different types of digital technology and the problems they can solve (1 credit).

Collaboration - Collaborate to solve a problem using digital technology (1 credit).