

MYP Design Reflection & Evaluation (Sentence Starter Version)

Table Design Project (Scaled Model with Tinkercad & 3D Printing)

Strands Di, Dii, Diii, Div

Group 1

Criteria D: Evaluating

	0	1-2	3-4	5-6	7-8
i. outline simple, relevant testing methods, which generate data, to measure the success of the solution	The student does not reach a standard described by any of the descriptors	The student defines a testing method, which is used to measure the success of the solution	The student defines a relevant testing method , which generates data, to measure the success of the solution	The student defines relevant testing methods , which generate data, to measure the success of the solution	The student outlines simple, relevant testing methods, which generate data, to measure the success of the solution
ii. outline the success of the solution against the design specification	The student does not reach a standard described by any of the descriptors	The student states the success of the solution	The student states the success of the solution against the design specification based on the results of one relevant test	The student states the success of the solution against the design specification based on relevant product testing	The student outlines the success of the solution against the design specification based on authentic product testing
iii. outline how the solution could be improved	The student does not reach a standard described by any of the descriptors		The student states one way in which the solution could be improved	The student outlines one way in which the solution could be improved	The student outlines how the solution could be improved
iv. outline the impact of the solution on the client/target audience.	The student does not reach a standard described by any of the descriptors		The student states one way in which the solution can impact the client/target audience	The student outlines the impact of the solution on the client/target audience, with guidance	The student outlines the impact of the solution on the client/target audience

Instructions

You are now nearing the end of your project. You will write a piece of reflective work that shows how you connected your learning throughout the design cycle.

You should not just answer each question separately — instead, write in paragraphs or sections, and include ideas from the guiding questions below to help you reflect.

Use this reflection to show how you applied your research, technical skills, and understanding of the design cycle to create your table model.

You may use the sentence starters to help you.

Part 1: Testing and Evaluating the Final Product

(Strand Di: Describe the impact of the solution on the client/target audience)

Sentence Starters:

- My table design is functional because...

- I think my table would be useful for someone who needs...
- One strength of my table is...
- The shape and style of my table supports its use by...

Part 2: Explaining the Impact of the Solution

(Strand Dii: Explain the impact of the solution)

Sentence Starters:

- A positive outcome of my table model is...
- Using the design cycle helped me to...
- I am proud of my table design because...

Part 3: Describing Improvements

(Strand Diii: Describe how the solution could be improved)

Sentence Starters:

- Some feedback I received was...
- Based on this feedback, I would improve...
- If I had more time, I would change...
- My next step would be to...

Part 4: Explaining How the Design Cycle Was Used

(Strand Div: Explain how the design cycle was used to develop the solution)

Sentence Starters:

- The four stages of the design cycle are...
- During the Inquiring & Analyzing stage, I learned...
- When I was Developing Ideas, I...
- While Creating the Solution, I...
- When I was Evaluating, I...
- My understanding of form and function changed because...
- The Tinkercad tools that helped me the most were...
- Designers use the design cycle to create effective solutions by...

Final Reminder

Remember, this is not just a list of answers — it should be a thoughtful piece of writing that shows how your learning was connected through your design project. Use the sentence starters to help you explain your thinking clearly.