# Assessment Rubric and Self-Reflection (K-2)

Review your student's progress on the following tasks and ask them to reflect on their work and their mindsets. Establish with students what the symbols in the rubric mean in your setting. The "overall" rating box is optional as needed.

| ★ | Task<br>*Note below what you observed* | Score | | |
|---|---|---|---|---|
| | | **?** | ✔ | ★ |
| **Define the Problem** | Did you explain what problem your design solves (or tries to solve)? | | | |
| **Imagine, Create, Test and Reflect** | Did you create more than one solution and describe them in words or pictures? How many?_____ | | | |
| | Did you test your solution and make changes to improve it before testing again? | | | |
| | Did you explain what you learned from testing your design? Did you explain how that helped you change the design? | | | |
| | Did you explain how your design has the desired features it needs to solve the problem? | | | |
| **Share your Solutions** | Did you explain your ideas about the changes you made or might make to your design? Did others understand your ideas? | | | |
| | **Overall** | | | |

**Notes from the student:**

**Notes from the educator:**

**Student Self-Reflection**

Ask the student to circle the icon that shows how they feel about each question.

| BOLD: Did you try new things? | ? ✔ ★ | PERSEVERANT: Did you keep trying even when it was not easy? | ? ✔ ★ | COLLABORATIVE: Did you work as a team? | ? ✔ ★ |
|---|---|---|---|---|---|
| CURIOUS: Did you ask questions today? | ? ✔ ★ | EMPATHETIC: Did you listen to others? | ? ✔ ★ | Did you enjoy this activity? | ? ✔ ★ |

Which one of the mindsets above do you want to practice more? How will you practice it?

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| | Task<br>*Add notes to any line below to indicate any aspects that were incomplete or not observed.* | Score | | |
| --- | --- | --- | --- | --- |
| | | **?** | ✔ | ★ |
| **Define the Problem** | Clearly describes criteria for success and constraints on the design. | | | |
| **Imagine, Create, Test and Reflect** | Three or more solutions are tried and documented in detail. | | | |
| | Design improvements are based on failure points and incorporate successful aspects of other designs (your own design and those of others). | | | |
| | A clear case is made for how to improve the design, supported by evidence from testing and based on the criteria and constraints of the problem. | | | |
| | Explanations of how a solution meets (or does not meet) the criteria and constraints are documented completely and are supported with data. | | | |
| **Share your Solutions** | Solution is shared with peers, including clearly communicated ideas and justification for design choices. | | | |
| | **Overall** | | | |

**Notes from the student:**

**Notes from the educator:**

# Assessment Rubric and Self-Reflection

**Student Self-Reflection**

Circle the icon that shows how you applied each mindset during this activity.

| BOLD: Did you try new things? | ? ✔ ★ | PERSEVERANT: Did you keep trying even when it was not easy? | ? ✔ ★ | COLLABORATIVE: Did you work as a team? | ? ✔ ★ |
|---|---|---|---|---|---|
| CURIOUS: Did you ask questions today? | ? ✔ ★ | EMPATHETIC: Did you listen to others? | ? ✔ ★ | Did you enjoy this activity? | ? ✔ ★ |

Choose one mindset above. How did you practice building this mindset during this activity?

Which mindset do you want to improve? How will you do this?