Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Design Process – PBS Kids Design Squad

 GREEN PURPLE

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| --- | --- | --- |
| Define Problem(what was the challenge, criteria & constraints) |  |  |
| Generate Concepts(what research was conducted, brainstorming, applying STEM) |  |  |
| Develop a Solution(describe each team’s process, what was their best choice) |  |  |
| Construct and Test Prototype(what did each team design) |  |  |
| Evaluate Solution(how did each team change their design, if not why) |  |  |
| Present Solution(how did each team discuss what happened) |  |  |

Answer the following questions by 1) restating the question in your answer, 2) using proper grammar and sentence structure, and 3) including a minimum of 3 sentence answer.

1.  Why do we use a design process?

2. Which stage in the design process do you think is most important? Why?

3. Teamwork is an important part in completing projects and design challenges.  How do you think contributing is important to the team?

4. Based on the winning team, how would you explain their success?  What could the non-winning team have done differently in order to have a better design?