

## Core Skills Analysis

### Problem Solving

- The student demonstrated critical thinking skills by strategizing on how to build the bridge efficiently to accommodate as many bears as possible.
- Through trial and error, the student learned the importance of testing different bridge designs to see which one could hold the most weight.
- The activity helped the student understand the concept of problem-solving through a hands-on approach, encouraging creativity and innovation in finding solutions.
- By engaging in this activity, the student practiced resource management by utilizing the limited materials available to construct the bridge for the bears.

### Tips

Encourage the student to explore different materials for bridge-building, such as popsicle sticks, straws, or clay, to enhance their creativity and problem-solving skills. Encourage them to set challenges like building a bridge that can hold a certain number of bears to further develop their critical thinking and engineering abilities.

### Book Recommendations

- [Rosie Revere, Engineer](#) by Andrea Beaty: Follow Rosie as she learns that failure is an essential part of innovation and engineering in this inspiring story.
- [Iggy Peck, Architect](#) by Andrea Beaty: Join Iggy as he showcases his architectural talents and problem-solving abilities in a fun and engaging tale.
- [The Most Magnificent Thing](#) by Ashley Spires: Experience the journey of a young girl who learns the value of perseverance and creativity while trying to build the most magnificent thing.