

Rubric

Paper Straw Sculpture Problem Solving

1 pt.	3 pt.	5 pt.
The sculpture has between 10 - 20 pieces.	The sculpture has between 35 - 50 pieces.	The sculpture has between 75 - 100 pieces.
The sculpture is falling over.	The sculpture is weak and is having trouble standing alone or with a cardboard base.	The sculpture is strong enough to stand alone or with a cardboard base.
<p>The intersections created by the straws are weak. The method of construction is not holding the pieces together.</p> <p>There is evidence of wasted materials.</p>	The intersections created by the straws are weak. There is evidence of only tape to hold the pieces together.	<p>The intersections created by the straws are strong. There is evidence of tape and glue to hold the pieces together.</p> <p>Additional materials such as wire or string will also be considered for their strength.</p>
The sculpture does not have a moving element that swings, slides, rotates, spins, etc.	The sculpture's moving element is trying swings, slides, rotates, or spins, but needs additional problem solving to be successful.	The sculpture has a moving element that swings, slides, rotates, spins, etc.
<p>The student showed no of effort to try to build the best project that they were able to. The student wasted a lot of time. The student was not helpful in clean up. The student was disrespectful of our classroom supplies.</p>	<p>The student showed a little of effort to try to build the best project that they were able to. Sometimes the student worked on solving problems for their sculpture. The student was helpful in clean up. The student was respectful of our classroom supplies.</p>	<p>The student showed a lot of effort to try to build the best project that they were able to. Everyday the student worked on solving problems to push their sculpture forward. The student was helpful in clean up. The student was respectful of our classroom supplies.</p>