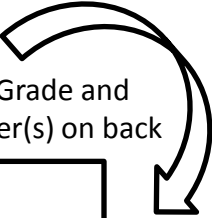


Engineering Rube Goldberg Tri-Board Requirements

(DO NOT WRITE NAME, NUMBER OR GRADE ON FRONT)

Write Grade and
Number(s) on back



| | | | | | | |
|--|---|---|---|---|---|--|
| <p>Requirement</p> <p>Pop a balloon in exactly six steps using common household items.</p> | <h2>Rube Goldberg Balloon Popping Contraption</h2> | <p>Concepts</p> | | | | |
| <p>Materials</p> <p>List all materials, including amounts, and equipment used to build the final contraption.</p> | <table><tr><td data-bbox="685 499 946 706"><p>Step 1</p><p>Briefly explain or draw how step 1 works.</p></td><td data-bbox="1072 499 1333 706"><p>Step 4</p><p>Briefly explain or draw how step 4 works.</p></td></tr></table> | <p>Step 1</p> <p>Briefly explain or draw how step 1 works.</p> | <p>Step 4</p> <p>Briefly explain or draw how step 4 works.</p> | <p>Summarize the scientific concepts or engineering principles used in each step.</p> | | |
| <p>Step 1</p> <p>Briefly explain or draw how step 1 works.</p> | <p>Step 4</p> <p>Briefly explain or draw how step 4 works.</p> | | | | | |
| | <table><tr><td data-bbox="685 735 946 942"><p>Step 2</p><p>Briefly explain or draw how step 2 works.</p></td><td data-bbox="1072 735 1333 942"><p>Step 5</p><p>Briefly explain or draw how step 5 works.</p></td></tr><tr><td data-bbox="685 963 946 1170"><p>Step 3</p><p>Briefly explain or draw how step 3 works.</p></td><td data-bbox="1072 963 1333 1170"><p>Step 6</p><p>Briefly explain or draw how step 6 works.</p></td></tr></table> | <p>Step 2</p> <p>Briefly explain or draw how step 2 works.</p> | <p>Step 5</p> <p>Briefly explain or draw how step 5 works.</p> | <p>Step 3</p> <p>Briefly explain or draw how step 3 works.</p> | <p>Step 6</p> <p>Briefly explain or draw how step 6 works.</p> | <p>Conclusion</p> <p>Discuss how this project helped you learn about science and/or engineering. What would you do differently if you had more time to work on it. What would you do differently next time?</p> |
| <p>Step 2</p> <p>Briefly explain or draw how step 2 works.</p> | <p>Step 5</p> <p>Briefly explain or draw how step 5 works.</p> | | | | | |
| <p>Step 3</p> <p>Briefly explain or draw how step 3 works.</p> | <p>Step 6</p> <p>Briefly explain or draw how step 6 works.</p> | | | | | |