

Name _____

Date _____

STRAW ROCKET, K-2, UNIT 3

Challenge: Can you build a rocket that can launch from a straw?



Brainstorm: What materials will you use for your rocket?



Create: Draw and label your design. Create it. Test it.



Test & Reflect:

Does your design work consistently?

Yes. ☐ No. ☐

No. ☒

If your rocket is not able to launch or launch very far, how might you improve your design?

Yes. ☒

Yay! Your rocket flies! Can you add a challenge by getting your rocket to fly further or hit a specific target?



Improve: What changes can you make to your design to improve it? This will be either getting your rocket to work by flying off of a straw or improving your rocket to fly further or hit a specific target. Describe or draw these changes below.



Re-Test:

Does your design work consistently now?

Yes. ☐ No. ☐



Reflect: What worked well in your design?



Reflect: Was there anything that still did not work well in your design, even after improvements were made? What might you try differently the next time?

