

Name _____

Date _____

MARBLE RUN, K-2, UNIT 1

Challenge: Can you design and build a marble run?



Brainstorm: What materials will you use for your marble run?



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



Test & Reflect:

Does your design work consistently?

Yes. ☐ No. ☐

No. ☒

If your marble does not roll consistently through your run, can you identify an area that can be improved?

Yes. ☒

Yay! Your marble rolls consistently each time! Can you add a challenge by adding another run or by getting your marble to roll under, over, through, or around something?



Improve: What changes can you make to your design to improve it? This will be either getting your marble to roll consistently through your run or by adding a challenge for your marble. 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?

