Build and Test a Design

Grade 1 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Which step comes first?

   Test it. Make it better. Find the problem.

2. Which step comes after you build?

   Paint it. Find the problem. Test it.

3. A paper bridge bends in the middle. What can help?

   Change the color. Add a support under it. Paint the top.

4. Which is best for a strong tower?

   cotton balls blocks tissue paper

5. Which is best for a boat that floats?



   a plastic cup a rock a key

6. After a test, what should you do?

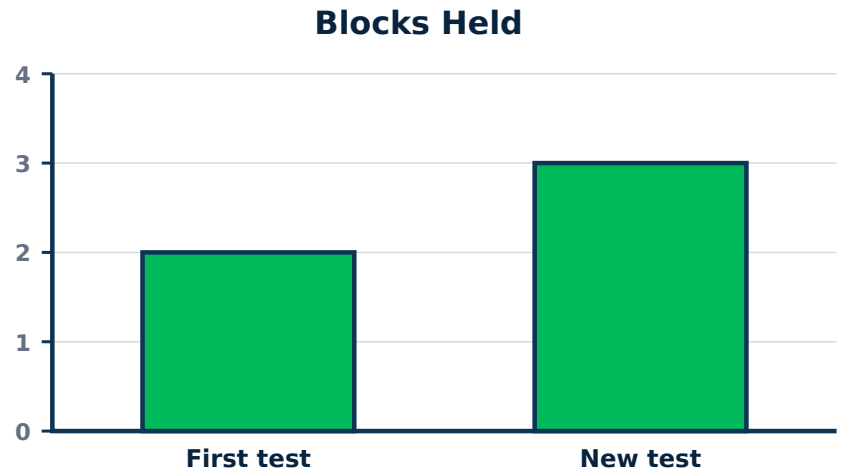
   Look at the result. Change the goal. Build a new model.

7. A tower of cups falls over. What can help?



   Make the bottom wider. Make it taller. Put a cup on top.

8. Look at the bars. Which test held more blocks?



First test Both held the same. New test

9. A bridge must hold 3 blocks. What is the goal?



Be very tall. Use red paper. Hold 3 blocks.

10. The bridge held 2 blocks. The goal was 3 blocks. Did it work?

Yes. It met the goal. Yes. It held 2. No. It must hold more.

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Answer Key - Grade 1 Science Worksheet - Building Confidence

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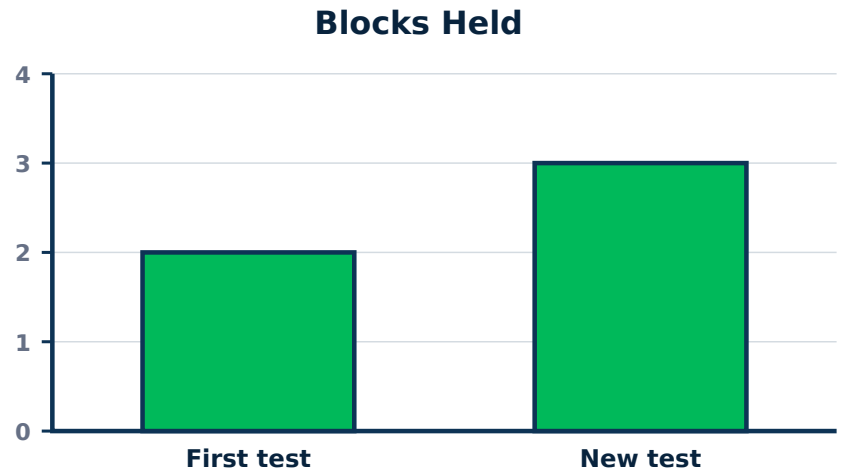
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