Build and Test a Design

Grade 1 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

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



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

2. The bridge held 2 blocks. The goal was 3 blocks. Did it work?
Yes. It met the goal. No. It must hold more. Yes. It held 2.

3. Which step comes first?
Make it better. Test it. Find the problem.

4. Which step comes after you build?
Find the problem. Test it. Paint it.

5. A paper bridge bends in the middle. What can help?
Change the color. Paint the top. Add a support under it.

6. Which is best for a strong tower?
tissue paper blocks cotton balls

7. Which is best for a boat that floats?



a rock a plastic cup a key

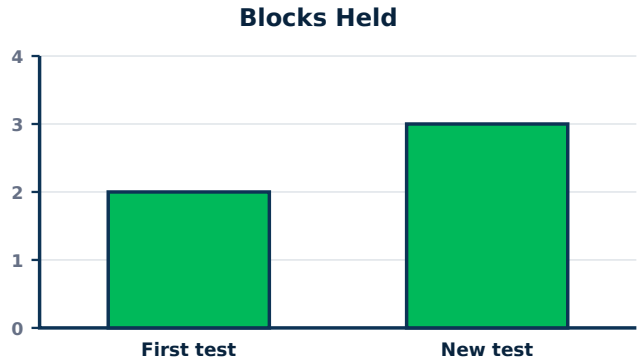
8. After a test, what should you do?
Look at the result. Change the goal. Build a new model.

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



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

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



Both held the same. New test First test

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Answer Key - Grade 1 Science Worksheet - Building Confidence

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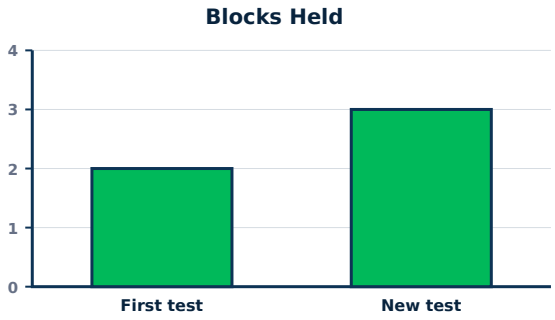
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