Build and Test a Design

Grade 1 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Which is best for a boat that floats?



a key a rock a plastic cup

2. After a test, what should you do?

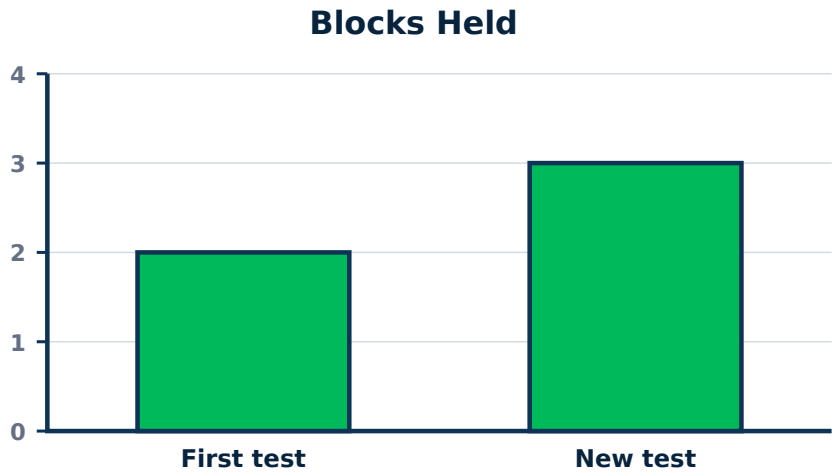
Build a new model. Change the goal. Look at the result.

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



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

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



Both held the same. First test New test

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



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

6. 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.

7. Which step comes first?

Test it. Make it better. Find the problem.

8. Which step comes after you build?

Paint it. Find the problem. Test it.

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

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

10. Which is best for a strong tower?

cotton balls tissue paper blocks

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Answer Key - Grade 1 Science Worksheet - Building Confidence

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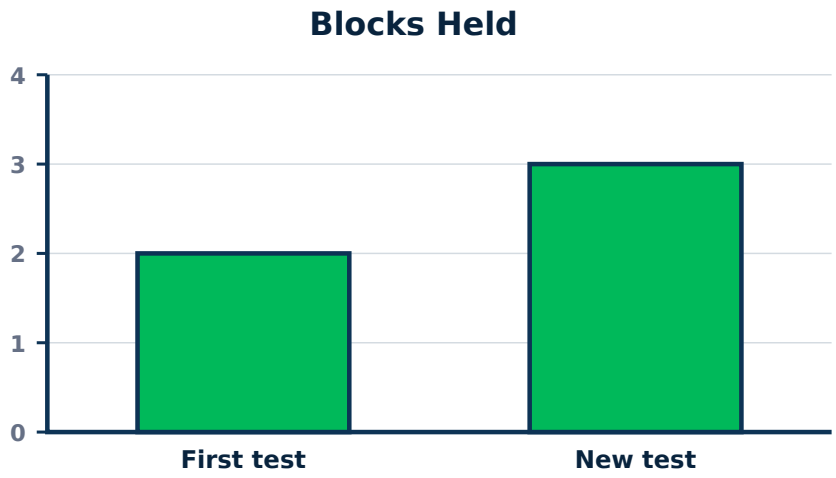
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