Build and Test a Design

Grade 1 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

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

2. Which is best for a boat that floats?



   a plastic cup a rock a key

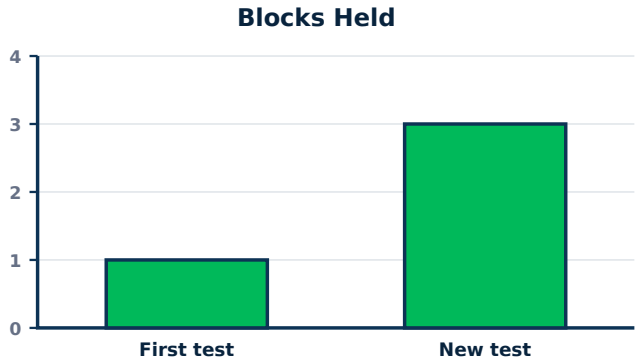
3. After a test, what should you do?
   Change the goal. Look at the result. Build a new model.

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



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

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



   First test Both held the same. New test

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



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

7. The bridge held 1 block. The goal was 3 blocks. Did it work?
   Yes. It met the goal. No. It must hold more. Yes. It held 1.

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

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

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

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Answer Key - Grade 1 Science Worksheet - Building Confidence

Circle the answer.

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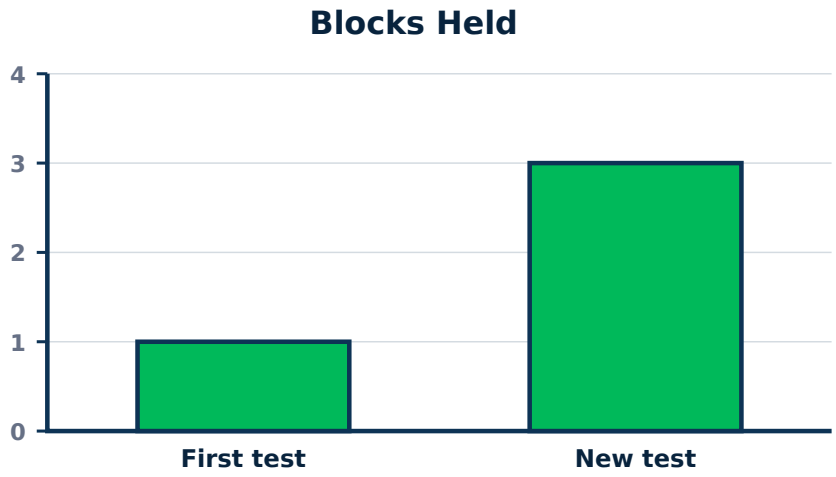
Change the goal. **Look at the result.** Build a new model.

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

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