Engineering Design

Grade 2 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. Bridge A held 4 blocks. Bridge B held 6. The goal is 8. What should the team do next?

   choose Bridge A

   change the goal to 4 blocks

   improve Bridge B, the one that held more

2. The rule is to use only cardboard and tape. Which design breaks the rule?

   a shelf made with cardboard, tape and wooden boards

   a shelf made with two cardboard sheets and tape

   a shelf made with cardboard and tape

3. A class compares two clips in the wind. What should be the same for both?

   the wind from the same fan the color of the clips the clip design

4. Which question helps the team understand the problem "soil washes down a slope"?

   How many chairs are nearby?

   How hard does the rain fall?

   What color is the fence?

5. Shelf A held 6 books. Shelf B held 12 books. How many more books did Shelf B hold?

   5 12 6

6. Plan A kept 3 books on the shelf. Plan B kept 7. The goal is 10. What should the team do next?

   change the goal to 3 books

   improve Plan B, the one that held more

   stop because Plan B is done

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Answer Key - Grade 2 Science Worksheet - Challenge Me

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