Plan Fair Tests

Grade 5 Science Worksheet - Building Confidence

Name _____ Date _____

Read each part of the test. Circle what it is.

1. Test: Which brand of popcorn pops the most kernels? What is "the cooking time" in this test?
   the one thing you change what you measure what you keep the same

2. Test: Which soil holds the most water? What is "the amount of soil" in this test?
   the one thing you change what you measure what you keep the same

3. Test: Which detergent removes the most stain? What is "how much of the stain is gone" in this test?
   the one thing you change what you measure what you keep the same

4. Test: Does the size of a parachute change how fast it falls? What is "the size of the parachute" in this test?
   the one thing you change what you measure what you keep the same

5. Test: Does the color of a cup change how fast water warms in the sun? What is "the starting temperature" in this test?
   the one thing you change what you measure what you keep the same

6. Test: Which paper airplane design flies farthest? What is "the distance flown" in this test?
   the one thing you change what you measure what you keep the same

7. Test: Which paper airplane design flies farthest? What is "the design of the plane" in this test?
   the one thing you change what you measure what you keep the same

8. Test: Which detergent removes the most stain? What is "the type of detergent" in this test?
   the one thing you change what you measure what you keep the same

9. Test: Does the number of batteries change how bright a bulb is? What is "the wires used" in this test?
   the one thing you change what you measure what you keep the same

10. Test: Does the color of a cup change how fast water warms in the sun? What is "the color of the cup" in this test?
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Answer Key - Grade 5 Science Worksheet - Building Confidence

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