Material Properties Evidence

Grade 2 Science Worksheet

Name _____ Date _____

Circle the answer.

1. A class tested materials for an umbrella. Water dripped on four materials. The paper napkin got soaked. The cotton cloth got wet through. The nylon fabric let the water roll off. The cardboard got soft and bent. Which material is best for an umbrella?



cotton cloth cardboard paper napkin nylon fabric

2. The class dropped four things in a tub of water. The cork floated. The metal washer sank. The plastic duck floated. The foam float floated. Which material is best for the anchor of a boat?



foam metal cork plastic

3. The class wrapped ice in four materials. The ice in foil melted in 20 minutes. The ice in foam melted in 60 minutes. The ice in paper melted in 25 minutes. The ice in cloth melted in 30 minutes. Which material is best for a lunch box that keeps food cold?



foam cloth paper foil

4. The class put a heavy book on four tubes. The plastic tube bent. The paper tube was crushed. The cardboard tube bent. The metal tube did not change. Which material is best for the leg of a table?



metal paper plastic cardboard

5. The class shone a flashlight at four materials. The clear glass let all the light through. The wax paper let some light through. The cardboard let no light through. The thick cloth let almost none through. Which material is best for a night-light cover that makes soft light?



wax paper cardboard clear glass thick cloth

6. The class pulled on four strips. The rubber band stretched and sprang back. The yarn stretched and stayed long. The ribbon did not stretch. The paper strip tore. Which material is best for a band that must go back to its size?

paper strip ribbon yarn rubber band

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Answer Key - Grade 2 Science Worksheet

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paper strip ribbon yarn **rubber band**