Material Properties Evidence

Grade 2 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. A shoe sole slid across four materials. It slid 4 cm on rubber, 20 cm on plastic, 12 cm on leather, and 25 cm on wax. Which material is best for a shoe bottom that does not slip?



rubber wax plastic leather

2. The class tested four covers for a greenhouse. The glass let light through, kept rain out, and broke when dropped. The clear plastic let light through, kept rain out, and did not break. The wax paper let some light through and got soggy. The foil kept rain out but let no light through. Which material lets light in, keeps rain out, and does not break when dropped?



foil glass wax paper clear plastic

3. The class hung four wet towels in the same room. The cotton towel dried in 90 minutes. The wool towel dried in 120 minutes. The nylon towel dried in 30 minutes. The foam towel dried in 100 minutes. Which material dries the fastest?

foam nylon wool cotton

4. The class tapped four bells and timed the ring. The metal bell rang for 5 seconds. The glass bell rang for 2 seconds. The wood bell rang for 1 second. The rubber bell made no ring. Which material is best for a bell that rings the longest?



glass metal rubber wood

5. The class left four pails full of water for a week. The iron pail got orange rust. The plastic pail looked the same. The cardboard pail fell apart. The clay pot leaked. Which material is best for a pail that holds water outside for months?

clay cardboard plastic iron

6. The class stretched four materials until they broke. The yarn stretched 30 cm. The rubber band stretched 50 cm. The ribbon stretched 2 cm. The string stretched 5 cm. Which material is best for a toy that stretches?

ribbon yarn string rubber band

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Answer Key - Grade 2 Science Worksheet - Challenge Me

Circle the answer.

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