Material Properties Evidence

Grade 2 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. 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?

nylon wool cotton foam

2. 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?



rubber wood glass metal

3. 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?

iron clay plastic cardboard

4. 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?

string rubber band yarn ribbon

5. The class floated four boats in water for an hour. The sponge boat soaked up 50 mL of water. The plastic boat soaked up 0 mL. The paper boat soaked up 30 mL and sank. The cork boat soaked up 2 mL. Which material floats and keeps the most water out?



cork plastic sponge paper

6. The class held four materials over a lamp. The clear glass let all the light through. The tinted plastic let some light through, and you could see through it. The cardboard let no light through. The foil let no light through. Which material is best for sunglasses that you can see through but that dim the light?



clear glass cardboard tinted plastic foil

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Answer Key - Grade 2 Science Worksheet - Challenge Me

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