

Sound: travelling and muffling sound

energy-forces

Words to use

Sound · Muffling · Soundproofing

Our question

Does the wrapping material change how muffled a timer sounds at a fixed distance?

I predict...because...

Sort these words into Change, Measure and Keep the same

the wrapping material · how muffled the sound is · the sound source · the listening distance · how tightly it is wrapped

Change: the ONE thing we change

Measure: the ONE thing we measure

Keep the same: to make it fair

Our muffling scores

Write each material you tested. Give it one score from 1 to 5 (higher means more muffled), or rank your materials 1st to 3rd, straight after you listen.

Material	Score (1 to 5) or rank	What we heard
No wrap (our starting sound)		

Which material muffled the sound most in your group?