

Muffling sound: keep it quiet

energy-forces

What you need: small loud ticking timer or battery buzzer · shoebox · sock (clean) · bubble wrap square · sheet of paper · scarf or soft cloth (optional extra wrapping) · Investigation Journal page

Words to use

Muffle · Soft material · Fair listen

Our question

Which wrapping makes the timer quietest?

I predict...because...

What we found out

Draw and label what you see

Labels I used

Which wrapping made the timer quietest?

What was the same each time so our listening was fair?

What do soft, thick materials seem to do to sound?