

Name
Class Period

HANGERS AND SOUND WAVES LAB

Type of Medium	Description of Sound Created	Loud or Soft Sound	Mass of Material Being Tested	Reason for Sound Outcome

A. Did you receive the results you thought you would for each material tested? Explain the differences or similarities between your initial thoughts and your actual outcomes.

B. What material had the loudest sound? Explain why.

C. What material had the quietest sound? Explain why.

D. Did the mass of the object dictate the volume of the sound? Explain findings.

E. What would the wave lengths of loudest sound look like - draw an example.

F. What would the wave lengths of the quietest sound look like - draw an example.