



Across

- 2 Sound can't travel through empty space where there are no ____ to vibrate. (9)
- 4 ____ transmit energy from one place to another. (5)
- 7 Sound must have a ____ through which to travel. (6)
- 10 Objects vibrating rapidly have a higher ____ than objects vibrating more slowly. (5)

11 Sound is transmitted

by vibrating ____ . (6)

- 12 Sound travels the slowest through ____ because the molecules are farthest apart. (5)

- 13 Dogs can hear high ____ sounds that humans cannot hear. (9)

- 14 These animals use high-frequency sounds to locate objects. (4)

Down

- 1 These animals make low-frequency sounds that can be heard by others a long distance away. (6)

- 3 Sound travels more quickly through ____ than through liquids or gases. (6)

- 5 Sound waves cause ____ as they travel through matter. (10)

- 6 Sound travels in ____ waves. (11)

- 7 Sound is a form of ____ energy. (10)

- 8 Each musical ____ causes vibrations in different ways. (10)

- 9 Sound is the transfer of ____ . (6)