Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_ Model Tracker Unit: Sound

What question is our model trying to answer? How can a sound make sometimes move?

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| --- | --- | --- | --- | --- |
| Date | Lesson Question | Answer the question | Evidence | Model |
|  | 2: What is happening when speakers and instruments make sounds? |  |  |  |
|  | 3: How do solid objects move when they make sounds?” |  |  |  |
|  | 4: How do the vibrations of the sound source compare for louder vs softer sounds? |  |  |  |
|  | 5. How do the vibrations from a sound source compare for higher vs lower pitch notes? |  |  |  |
| Date | Lesson Question | Answer the question | Evidence | Model |
|  | 6. How can any object make so many different sounds? |  |  |  |
|  | 8: Does sound need air to travel? |  |  |  |
|  | 9: How can we model sound traveling through a solid, liquid or gas? |  |  |  |
|  | 10: What exactly is traveling across the medium? |  |  |  |
|  | 13: What transfers more energy, waves of bigger amplitude or waves of greater frequency? |  |  |  |