

# Vocabulary Terms

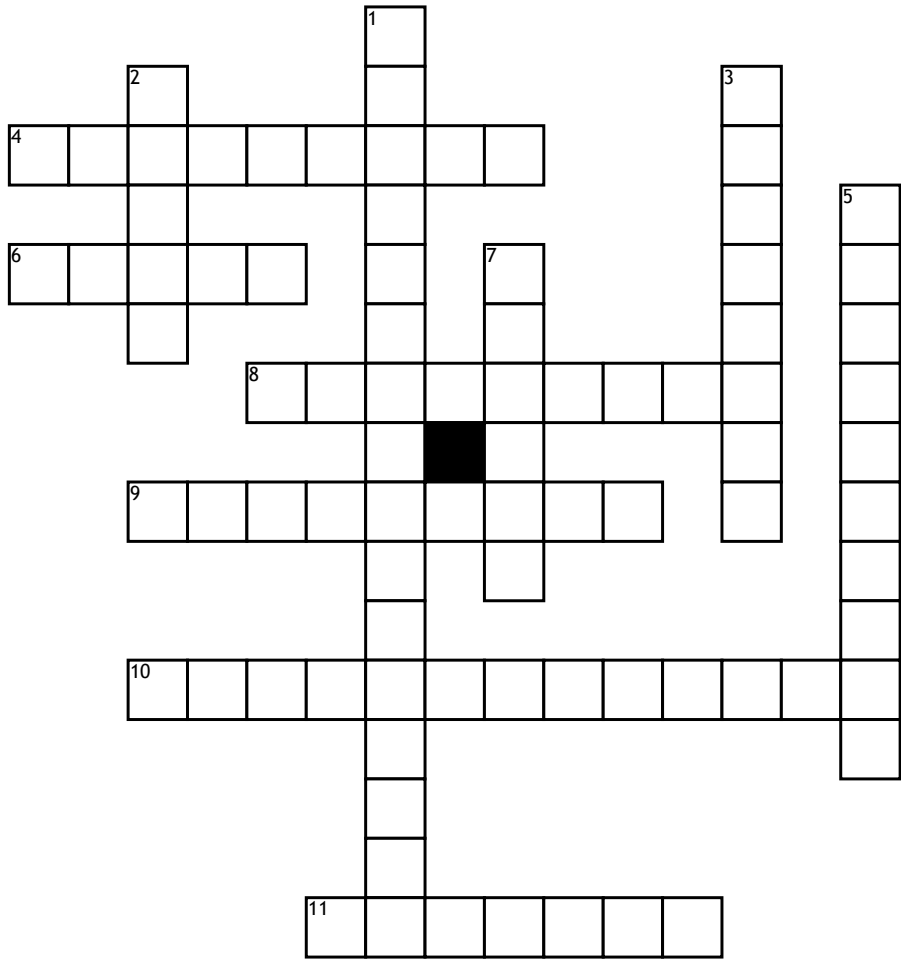
## Across

4. the number of cycles , such as waves , in a given amount of time

6. a measure of how high or low a sound is perceived to be depending on the frequency of the soundwave

8. A wave of compression and rarefaction, by which sound is propagated in an elastic medium such as air

9. the maximum distance that the particles of a waves medium vibrate from their rest position



10. an observed change in the frequency of a wave when the source or observer is moving

11. The most common unit used to measure loudness

## Down

1. A sound wave in which the particles of the medium vibrate in the direction of the line of advance of the wave

2. a unit of frequency equal to one cycle per second

3. What would make a dogs bark stand out its...?

5. the distance from any point on a wave to the corresponding point on the next wave

7. a physical environment in which phenomena occur for waves, the material through can travel

