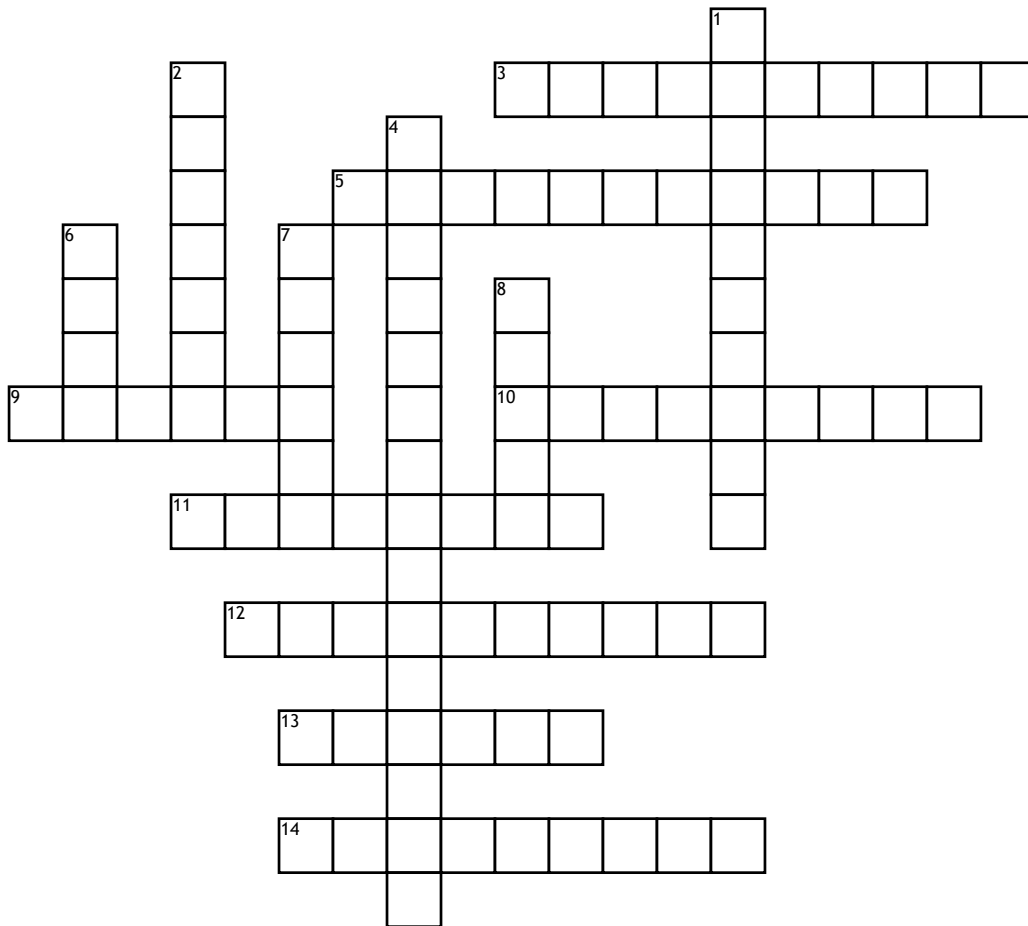


Untitled Chapter 1: Light & Sound



Across

- 3. the bouncing back of energy waves when they strike a surface
- 5. allows light to pass through
- 9. the tops of a wave
- 10. the distance from the middle of a wave to its crests and troughs
- 11. taken in
- 12. the distance from one wave crest(or trough) to the next wave crest(or trough)

- 13. does not allow light to pass through
- 14. the number of wavelengths that pass point in a certain length of time usually one second.

Down

- 1. the bending of energy waves as they pass from one clear substance into another
- 2. the bottoms of a wave

- 4. waves whose energy moves forward as their crests and troughs move up and down
- 6. a large hot ball of gas, like the sun, that is a source of light
- 7. curved pieces of glass or plastic that refract light waves in certain ways
- 8. a likeness of something

Word Bank

- | | | | |
|------------------|------------|------------|-------------|
| reflection | refraction | wavelength | star |
| image | amplitude | frequency | crests |
| transverse waves | opaque | lenses | transparent |
| troughs | absorbed | | |