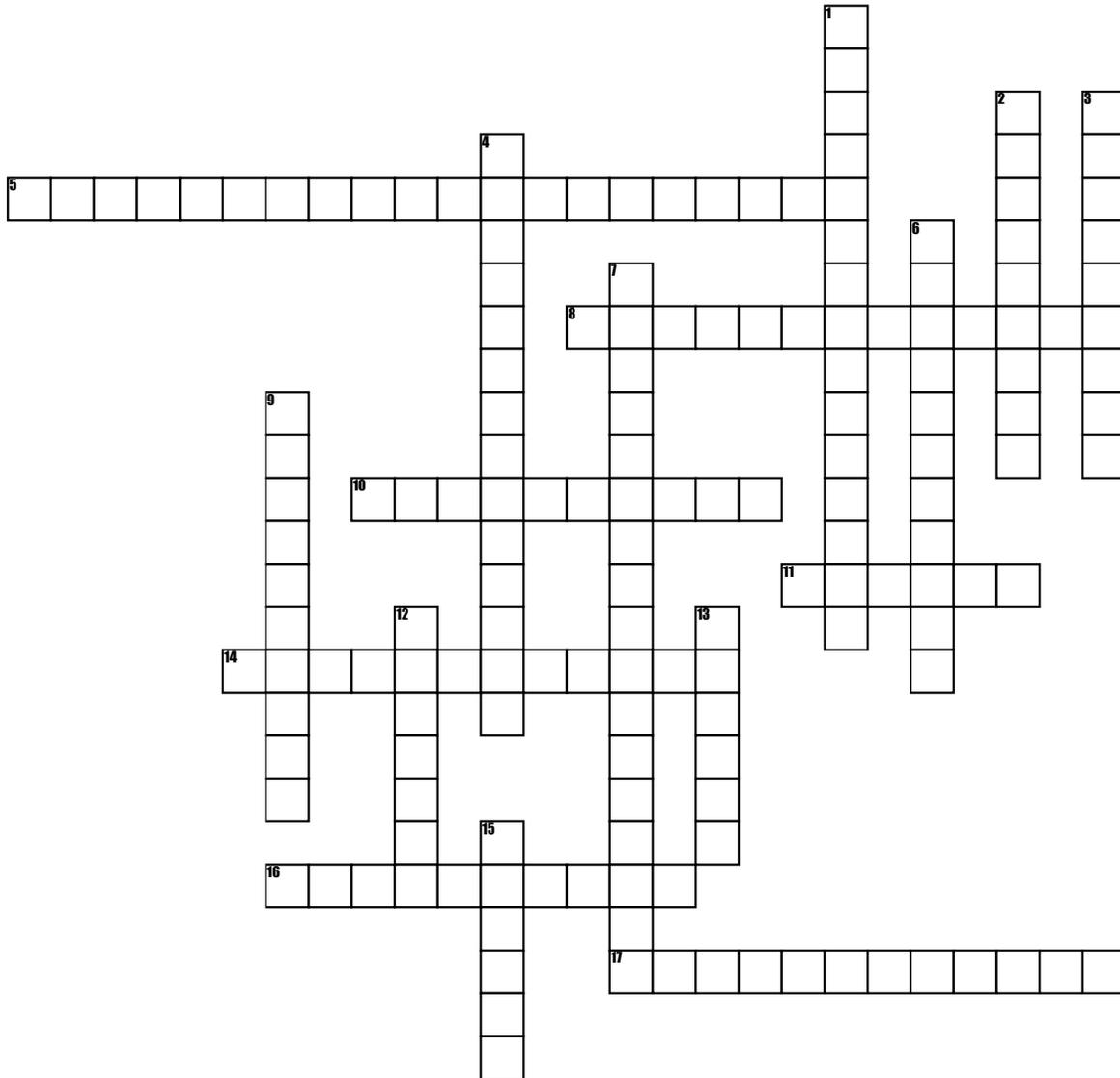


physical science



Across

- 5. _____ consists of changing electric and magnetic fields in space.
- 8. the change in the observed frequency of a wave is called the _____.
- 10. when light waves strike a shiny surface _____.
- 11. the matter through which a wave travels is called the _____.
- 14. the interference is called _____.
- 16. this phenomenon is called _____.

- 17. a _____ resorts from interference between a wave and its reflected wave

Down

- 1. waves in which the motion of the particles is perpendicular to the motion of the wave are called _____.
- 2. how rapidly a wave occurs _____.
- 3. the normal resting position of the wave is the _____.
- 4. waves that require a medium are called _____.

- 6. the bending of a wave as it passes an edge is called _____.
- 7. the medium vibrates parallel to the direction of the wave _____.
- 9. from the top of the crest to the top of another crest is the _____.
- 12. the lowest part of a wave is the _____.
- 13. the time it takes for a wave to pass by _____.
- 15. the high part of the wave _____.