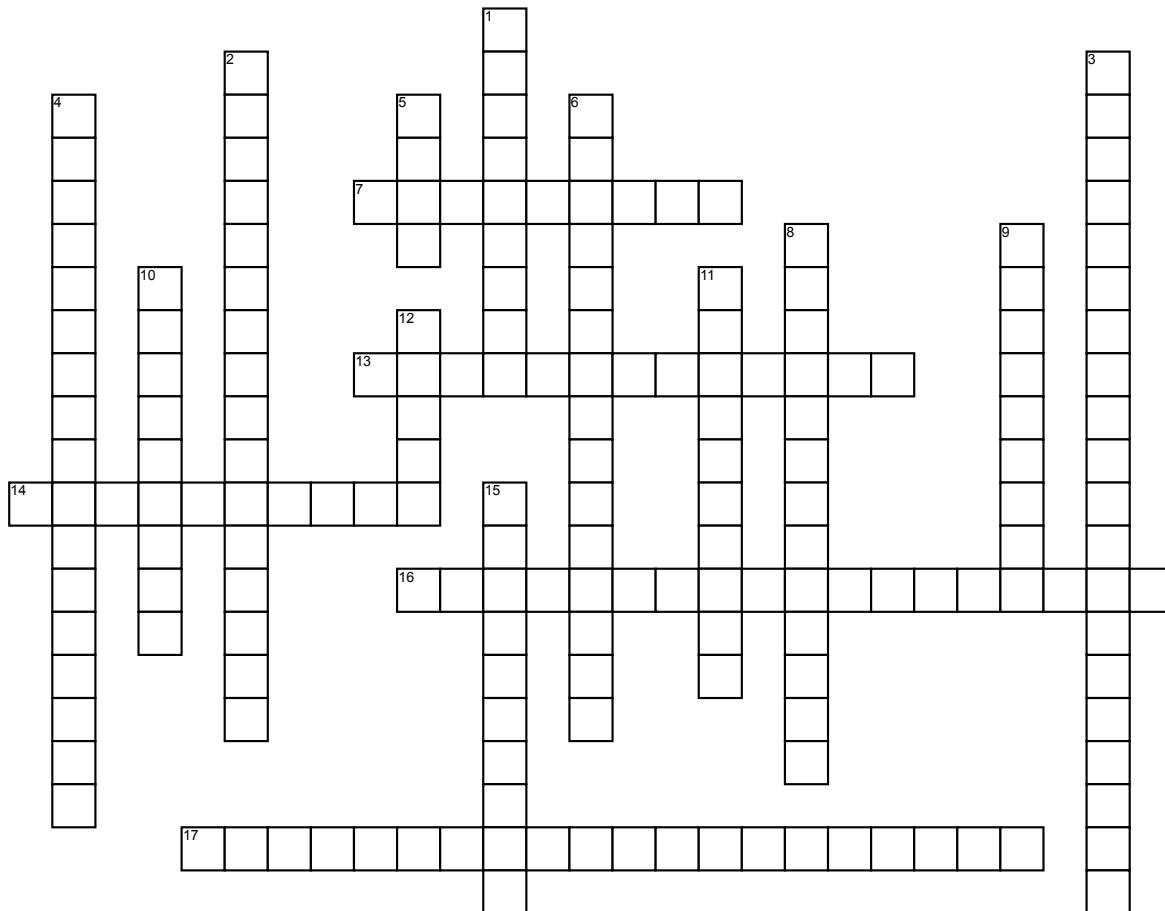


# Science vocab



## Across

7. The direct transfer of energy by electromagnetic waves

13. Energy of motion

14. The distance between successive crests of a wave.

16. The circulation of a fluid as it alternately heats up and cools down

17. Electromagnetic waves with wavelengths that are shorter than visible light but longer than x-rays

## Down

1. The size of a surface wave.

2. The process by which heat is trapped in the atmosphere by gases that form a "blanket" around Earth

3. Waves that transfer electric and magnetic energy through the vacuum of space.

4. Electromagnetic waves with wavelengths that are longer than visible light but shorter than microwaves

5. The transfer of thermal energy from one object to another because of a difference in temperature

6. Stored Energy

8. The total energy of motion in the particles of a substance

9. The distance from the rest position to the crest position that is half the vertical distance from a trough to a crest

10. The number of waves passing a point in a certain time. Measured in a wave per second and in the unit of hertz.

11. The direct transfer of thermal energy from one substance to another that it is touching

12. The degree of highness or lowness of a tone

15. The transfer of thermal energy by the movement of a fluid