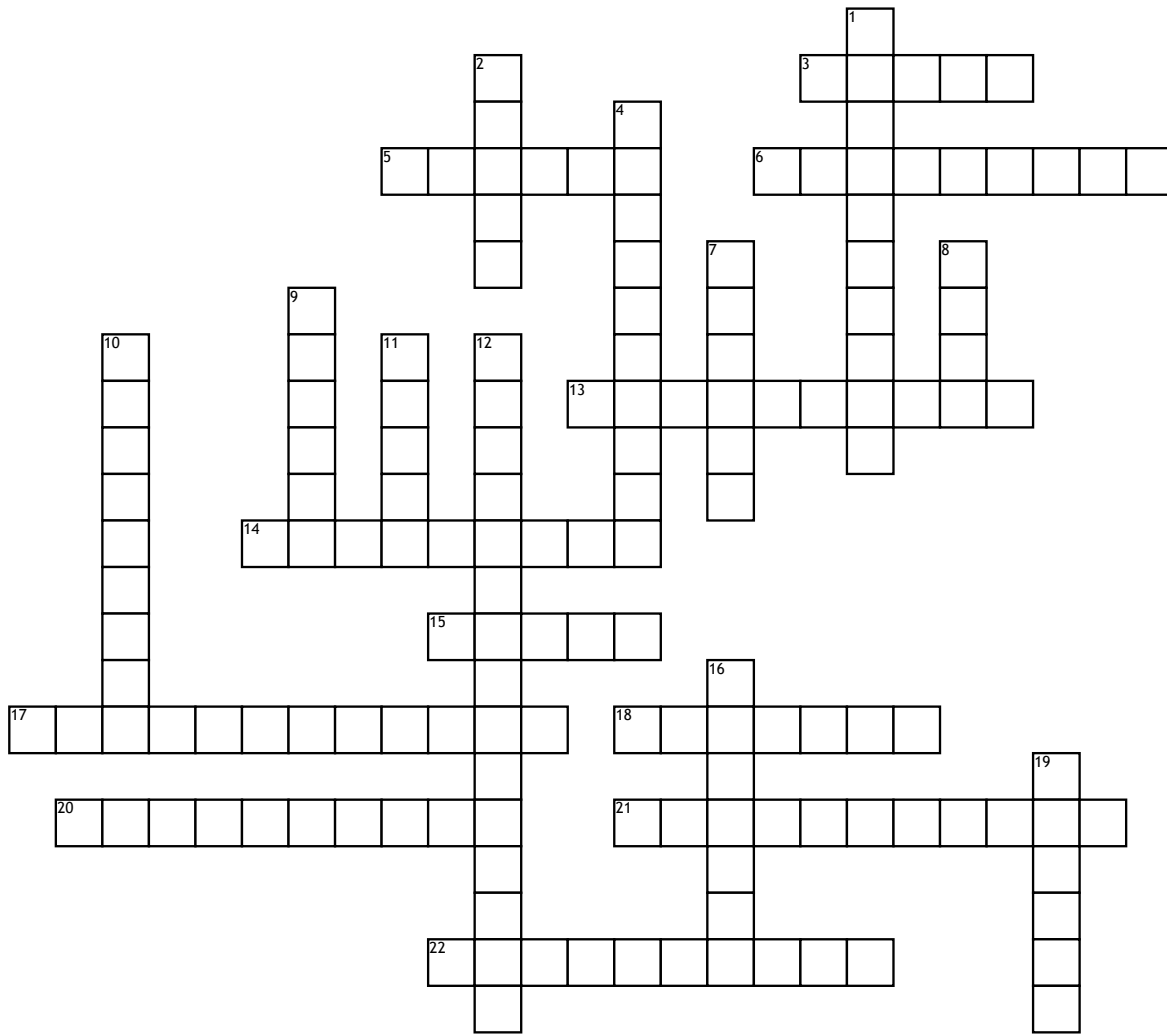


Sound and light energy



Across

3. Sound and light energy travel in _____.
5. The faster a wave travels the _____ the frequency.
6. The number of waves that pass a certain point each second is known as _____.
13. What occurs when light hits a transparent material?
14. Maximum height of a wave from the central position is known as _____.
15. Does sound energy travel fastest through a solid liquid or gas?
17. Sound travels in _____ waves.

18. All light consists of particles called _____.

20. What occurs when light hits opaque or shiny objects?

21. If light passes through a substance, it is said to be _____.

22. A rainbow is caused by the _____ of light

Down

1. The total length of one wave is known as _____.
2. Is sound or light energy faster?
4. Light travels in _____ waves
7. The ability to do work and cause change is known as _____.

8. When sound waves are reflected it is known as an _____.

9. Light energy travels through a _____.

10. _____ of waves allows us to hear sound.

11. In reflection, the angle of incidence is _____ to the angle of reflection.

12. Different types of light are represented on the _____ spectrum.

16. When light moves from a less dense to more dense material, it is refracted _____ the normal

19. Sound energy must travel through a solid, liquid or gas. This is known as a _____.