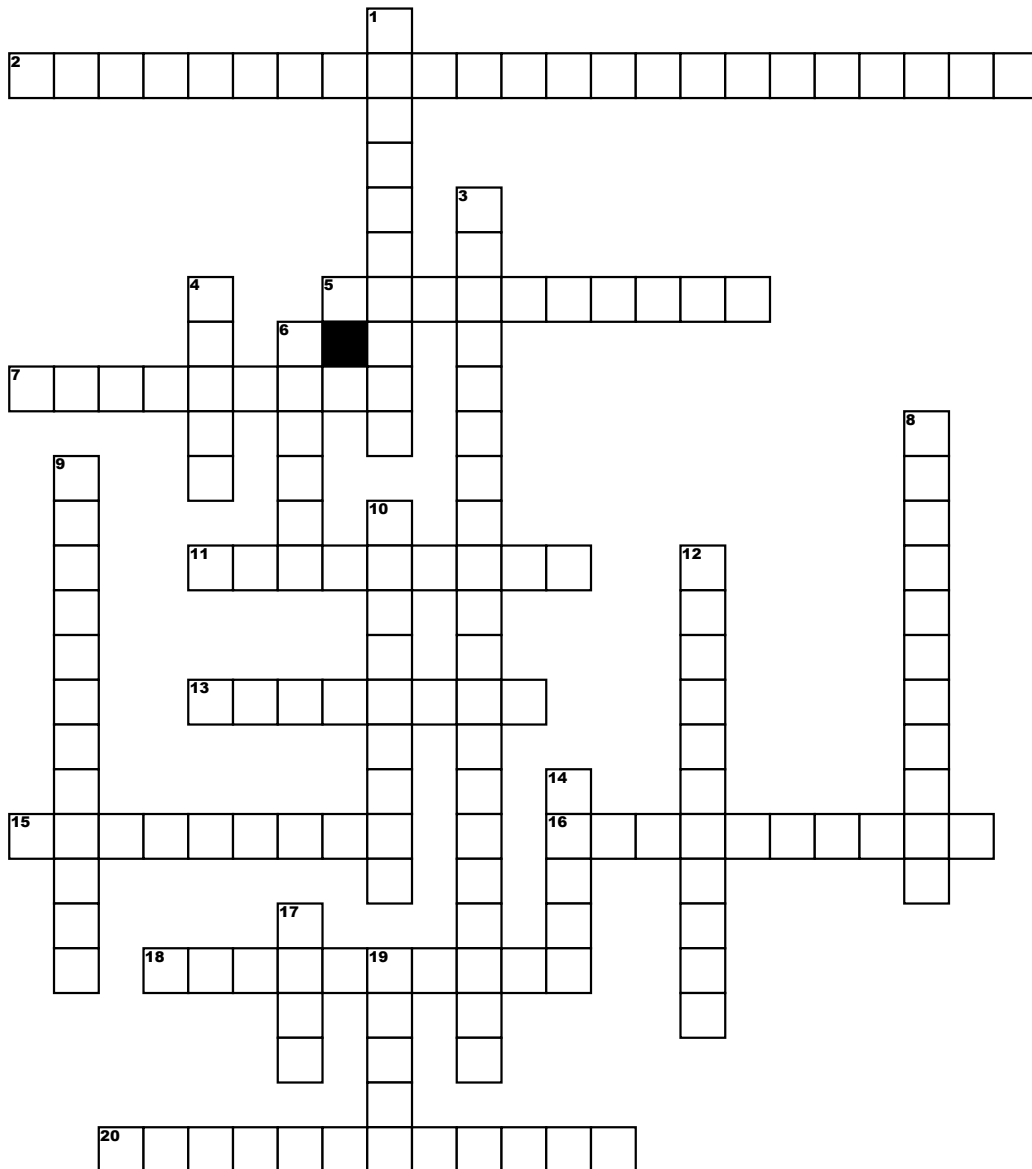


EM WAVES



Across

- 2. A composition of a multitude of different waves
- 5. length from one wave to another
- 7. what is the highest frequency wave?
- 11. What type of electromagnetic waves have the most energy?
- 13. Allows humans to determine the differences in thermal energy
- 15. Electromagnetic waves are classified using what measurement?
- 16. Which electromagnetic waves have the longest wavelengths?

- 18. What type of electromagnetic waves are used to cook food, predict the weather, and for communications?

20. Allows us to see variations of color

Down

- 1. whats the lowest frequency wave?
- 3. Do not require a medium, can travel through outer space.
- 4. absorbs All wavelengths
- 6. What can electromagnetic waves travel through that mechanical waves can not travel through?

8. Provide energy to plants and are harmful to humans

- 9. What type of waves are used on a TV remote control?
- 10. What type of electromagnetic waves have the shortest wavelengths?
- 12. What type of electromagnetic waves cause sunburns?
- 14. What type of electromagnetic waves are used to take pictures of bones in medicine?
- 17. Provides you with a visual through a structure
- 19. reflects All wavelengths.