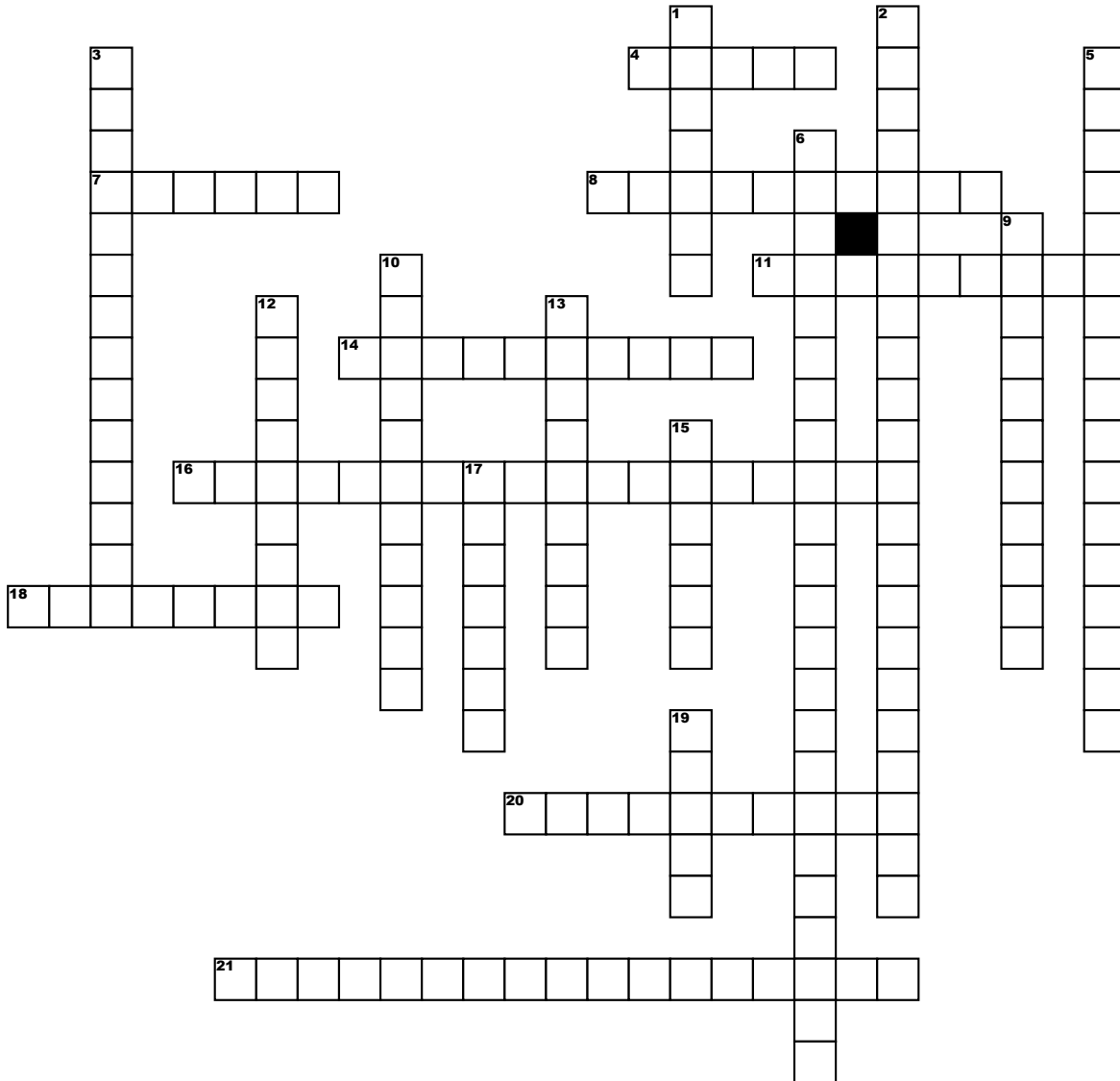


VISIBLE LIGHT



Across

- 4. If all wavelengths are reflected, what colour does it create?
- 7. What material absorbs light that reaches it?
- 8. What is violet closest to on the electromagnetic spectrum?
- 11. What type of waves is it?
- 14. What measurements can the human eye can detect wavelengths from 380 to 700 in?
- 16. What is reflection from a smooth surface in one direction called?
- 18. You can only see colour that are not.....by objects.

- 20. What is the change in direction of waves when they travel across a boundary from 1 medium to another?
- 21. What reflection from a rough surface causes scattering?

Down

- 1. What happens to the wavelength from radiate energy, when an object gets hotter?
- 2. Each colour within it has its own narrow band of..... ..
- 3. What works by absorbing certain wavelengths/colours and transmitting others?
- 5. What is red closest to on the electromagnetic spectrum?
- 6. What practical applications does visible have?

- 9. What object lets light pass through without the light refracting inside?
- 10. What object lets light pass through but refracts the light inside it?
- 12. What happens to the energy and frequency as you go across the colour spectrum?
- 13. What happens to the wavelength when going across the colour spectrum?
- 15. Too much light can damage the.....
- 17. What is the order of the colour spectrum?
- 19. If all wavelengths are absorbed, what colour does it create?