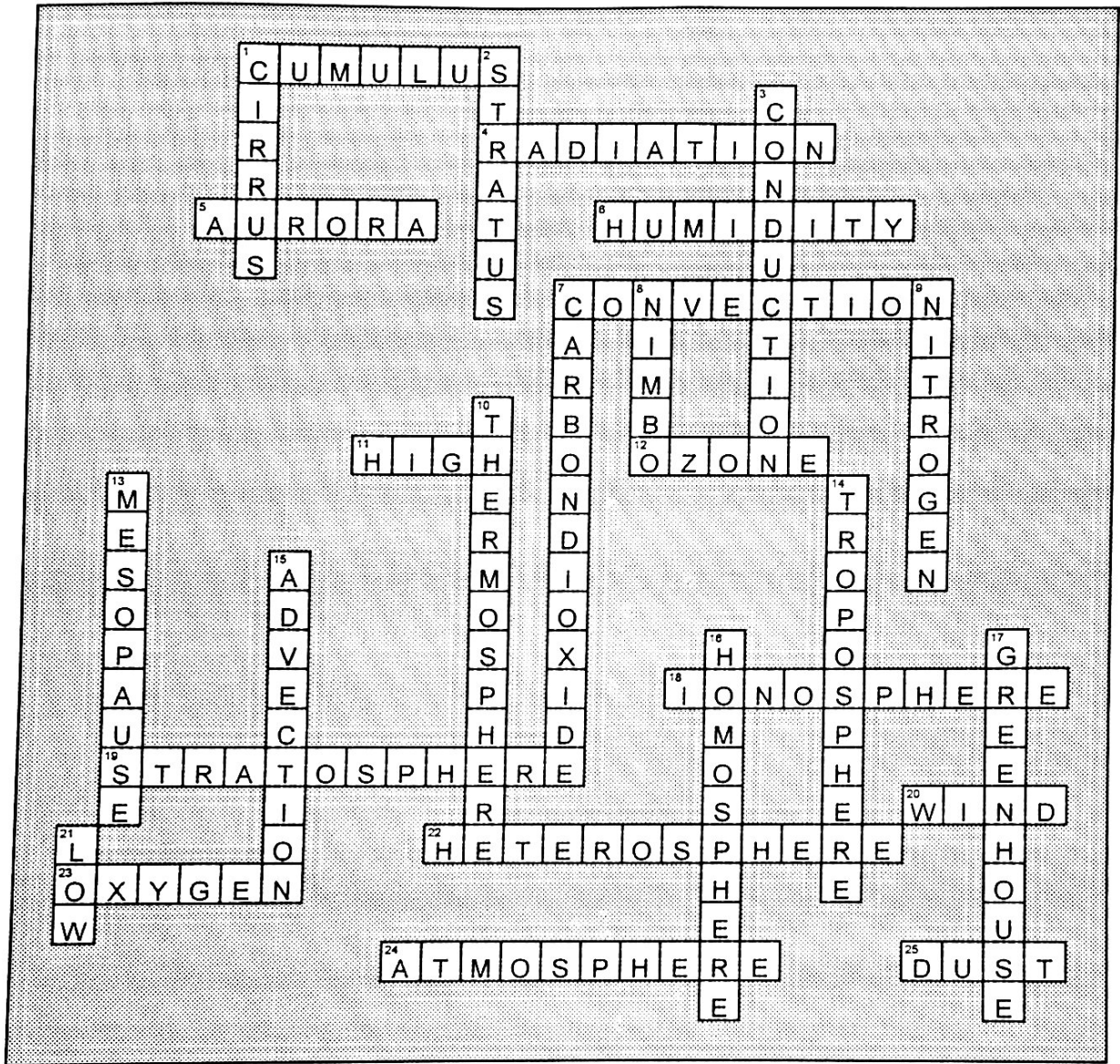


# The Atmosphere



**Across**

- 1. puffy clouds that look like cotton balls *Cumulus*
- 4. energy travel through space at speed of light *radiation*
- 5. shifting lights in sky, occur about 300km up *aurora*
- 6. amount of water vapour in air *humidity*
- 7. heat transfer via circulation *convection*
- 11. pressure zone associated with cold weather *high*
- 12. protects us from harmful UV rays *ozone*
- 18. four layers from UV rays knocking electrons out of atoms *ionosphere*
- 19. temperature rises as elevation increases *stratosphere*
- 20. flows from high to low pressure zones *wind*
- 22. contains separate layers of H, He and O *heterosphere*
- 23. 21% in atmosphere *Oxygen*
- 24. our current unit of study *atmosphere*
- 25. scatters blue light giving us pretty sunsets *dust*

**Down**

- 1. high, thin, feathery clouds *cirrus*
- 2. sheetlike clouds *stratus*
- 3. heat transfer through contact *conduction*
- 7. 0.03% in atmosphere *carbon dioxide*
- 8. rain cloud *nimbo*
- 9. 78% in atmosphere *nitrogen*
- 10. meteors burn up at the bottom of this layer *thermosphere*
- 13. division between thermosphere and mesosphere *mesopause*
- 14. layer closest to ground, we live in *troposphere*
- 15. bottom arrow of a convection cell, wind *advection*
- 16. same mixture of gases throughout, up to 80km *homosphere*
- 17. the effect that occurs when carbon dioxide and water vapour traps heat in atmosphere *greenhouse*
- 21. pressure zone associated with wet weather *low*