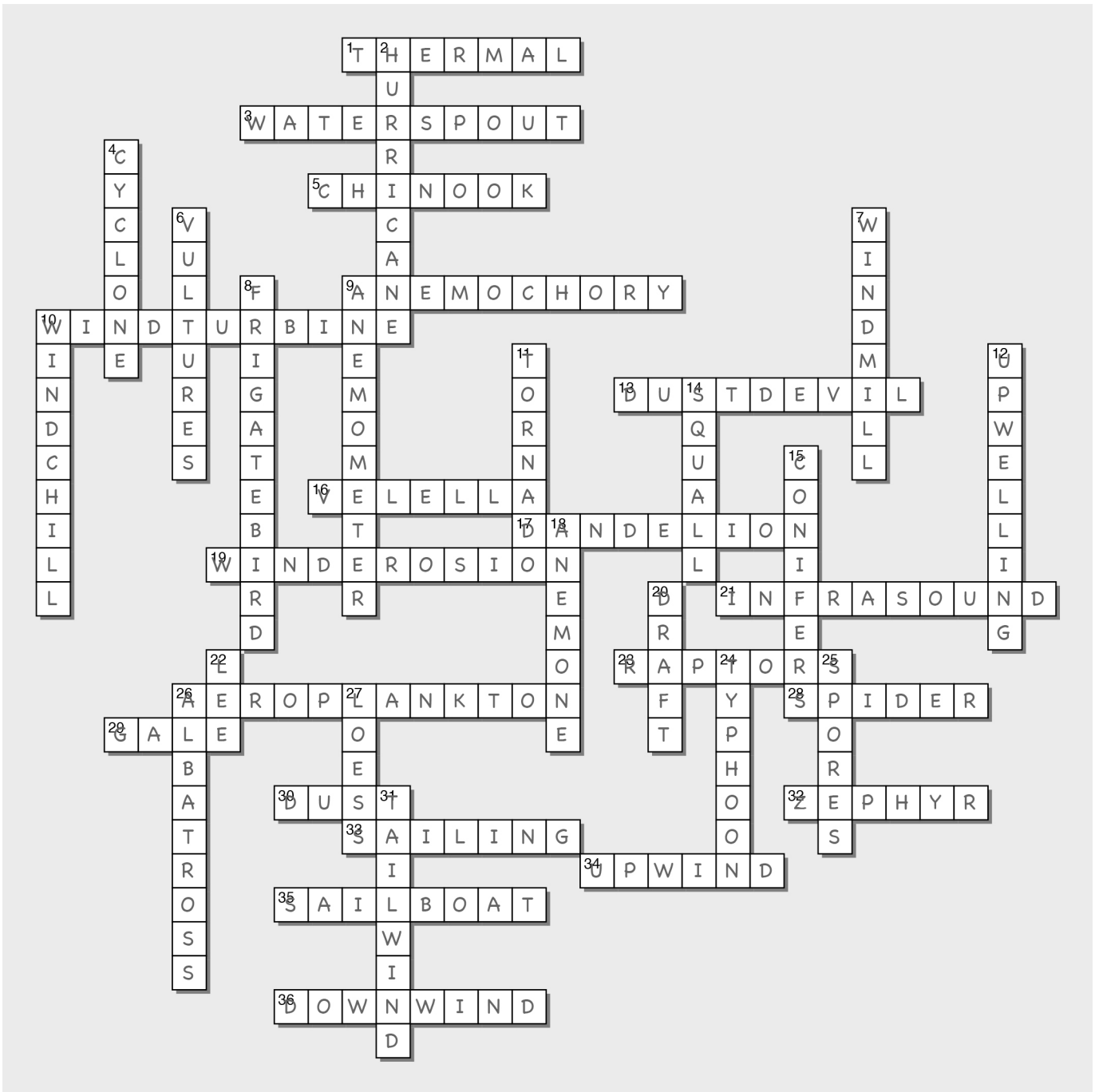


# Wind Challenge Solution



## Across

- 1) a rising current of warm air [THERMAL]
- 3) a rotating column of air and mist that forms over water [WATERSPOUT]
- 5) a warm wind [CHINOOK]
- 9) relying on the wind for seed dispersal [ANEMOCHORY]

## Down

- 2) a cyclone that occurs in the Atlantic or eastern Pacific [HURRICANE]
- 4) an air mass that spirals around a low pressure center [CYCLONE]
- 6) carrion-eating birds that soar in rising air currents [VULTURES]

## **Across** *Continued*

---

- 10) a mechanical device used to convert wind energy into electricity [WINDTURBINE]
- 13) a small whirlwind that kicks up fine particles of dirt [DUSTDEVIL]
- 16) name for a type of sea North Pacific ocean animal with a sail like structure to catch the wind and travel long distances [VELELLA]
- 17) a common yellow flower that relies on wind to carry its seeds [DANDELION]
- 19) something caused by wind blowing over barren ground or rocks [WINDEROSION]
- 21) a kind of noise wind creates as it blows over mountain ridges [INFRASOUND]
- 23) predatory birds that often soar in rising wind currents [RAPTORS]
- 26) term describing tiny life forms that drift in the winds of Earth's atmosphere [AEROPLANKTON]
- 28) an animal that spins a fine thread to sail long distances on the wind [SPIDER]
- 29) an air current measuring 32 to 63 miles per hour [GALE]
- 30) what wind carries from the Sahara Desert 3000 miles across the Atlantic Ocean to the Amazon Rainforest [DUST]
- 32) name for a light breeze named after a Greek god [ZEPHYR]
- 33) a sport that requires wind [SAILING]
- 34) in the direction opposite to that which the wind is blowing [UPWIND]
- 35) a boat that relies solely on wind power for propulsion [SAILBOAT]

## **Down** *Continued*

---

- 7) machine that captures the energy of wind to mill grains, drive machines, or move water [WINDMILL]
- 8) a bird in the pelican family that sails effortlessly using ocean wind currents [FRIGATEBIRD]
- 9) a gauge used to measure wind speed [ANEMOMETER]
- 10) the cooling effect of moving air on surface temperatures [WINDCHILL]
- 11) a moving air mass that rotates rapidly over land, usually associated with thunderstorms [TORNADO]
- 12) wind-caused movement of nutrient-rich deep ocean water to the surface [UPWELLING]
- 14) a sudden strong wind mixed with rain or snow. [SQUALL]
- 15) evergreen trees that rely on wind for pollination [CONIFERS]
- 18) name of both a sea creature and a flower that means "daughter of the wind" [ANEMONE]
- 20) a current of cool air [DRAFT]
- 22) a side sheltered or away from the wind [LEE]
- 24) a cyclone that occurs in the western Pacific [TYPHOON]
- 25) tiny specks scattered by the wind that allow mosses, lichens and fungi to spread around the world [SPORES]
- 26) a large tubenose bird that uses the wind to stay airborne for days or months at a time [ALBATROSS]
- 27) a kind of dirt deposited by the wind [LOESS]
- 31) a wind from behind [TAILWIND]