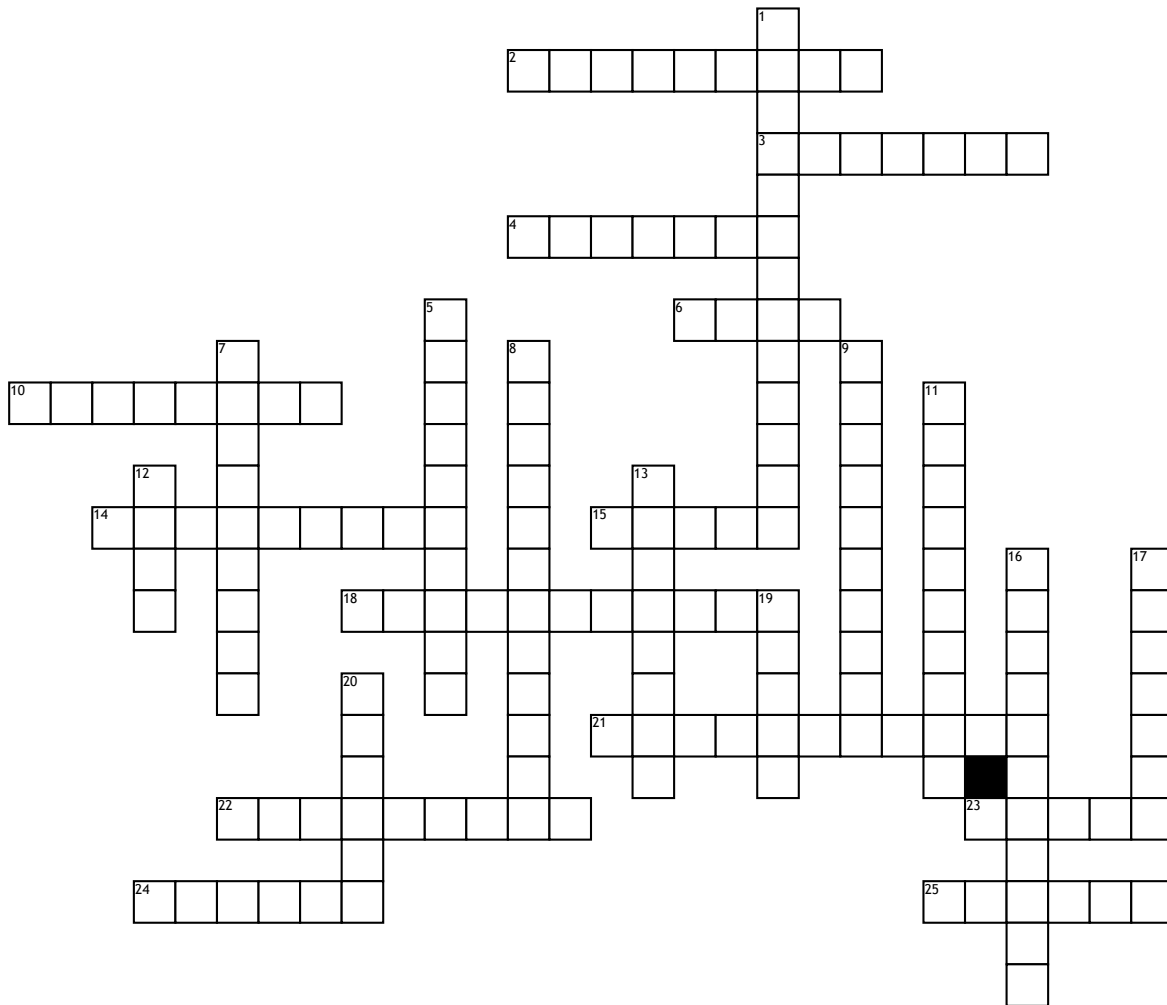


# Atoms Under the Floorboards



## Across

2. \_\_\_\_\_ energy is stored energy you can use in the future  
 3. the tight pack up in the front of a race  
 4. the scientific term for how long we apply force to something  
 6. another name for air resistance  
 10. the action of one surface or object rubbing on another  
 14. \_\_\_\_\_ bikes are the fastest of them all  
 15. pushes and pulls that make objects move or stand still if its perfectly balanced  
 18. Inwards-pushing force is \_\_\_\_\_ force  
 21. what can uranium be used as

22. Groups of atoms joining together to make bigger structures called \_\_\_\_\_.

23. what are tiny amounts of power?  
 24. scientists measure energy in units called \_\_\_\_\_.  
 25. An overall increase in speed and a reduction in turning force

## Down

1. A \_\_\_\_\_ is anything that boosts a force  
 5. energy to make tires turn is called rolling \_\_\_\_\_.  
 7. \_\_\_\_\_ works by swapping out molecules and merging  
 8. \_\_\_\_\_ energy is when you brake and use that energy to recharge its batteries in cars.

9. what is the name for a cunning mechanical gear-shift

11. The world's stickiest thing is a freshwater bacteria called Caulobacter \_\_\_\_\_.

12. the specific \_\_\_\_\_ capacity of wood is 2 kJ per kilogram per degree

13. a roll of paper spins with whats called angular \_\_\_\_\_

16. a \_\_\_\_\_ is a perfect example of several simple machines packed into one handy tool

17. Forces are measured in things called \_\_\_\_\_

19. A rod that pivots near one end

20. \_\_\_\_\_ reduces friction by shifting it to the axles