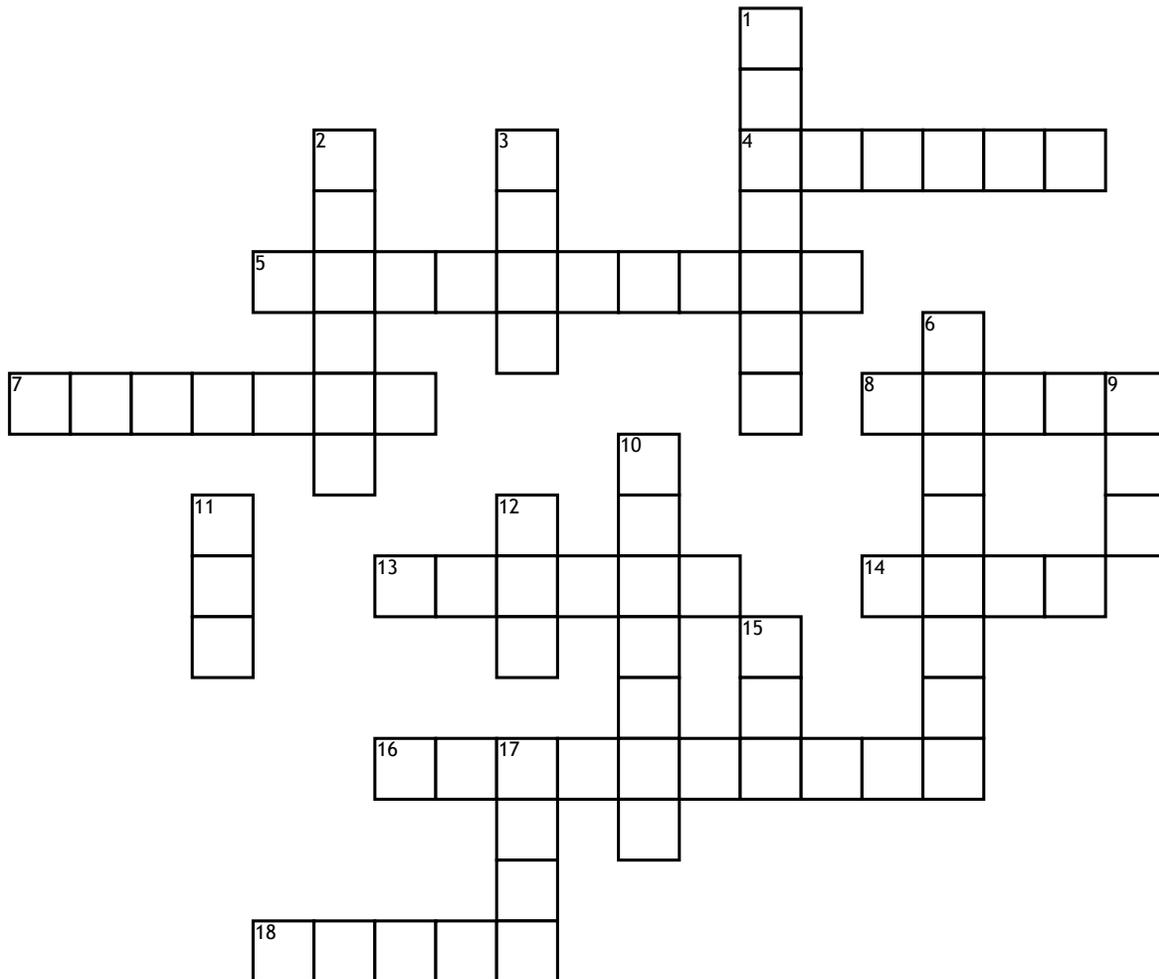


# Matter around us



## Across

4. Takes the shape of its container  
 5. When a gas becomes a solid directly.  
 7. Something that is not a pure substance is a \_\_\_\_\_.  
 8. A way to represent things that aids understanding.  
 13. A fourth state of matter that is rare on earth but found on the sun.  
 14. The smallest particle of an element.

16. A heterogeneous mixture that separates over time  
 18. Matter takes up \_\_\_\_\_.

## Down

1. Not quite a solution  
 2. A well-tested explanation that has broad evidence and predictive value.  
 3. All matter has \_\_\_\_\_ even in the absence of gravity.  
 6. What forms when one substance dissolves in another substance.

9. A scientific \_\_\_\_\_ states a pattern or rule observed in nature.  
 10. An element can not be broken down into \_\_\_\_\_ parts.  
 11. Matter makes up \_\_\_\_\_ of the stuff in the universe.  
 12. Sublimation is when a solid becomes \_\_\_\_\_ without going through a liquid phase.  
 15. The state of matter whose volume depends on the container.  
 17. A heterogeneous mixture is the \_\_\_\_\_ throughout.