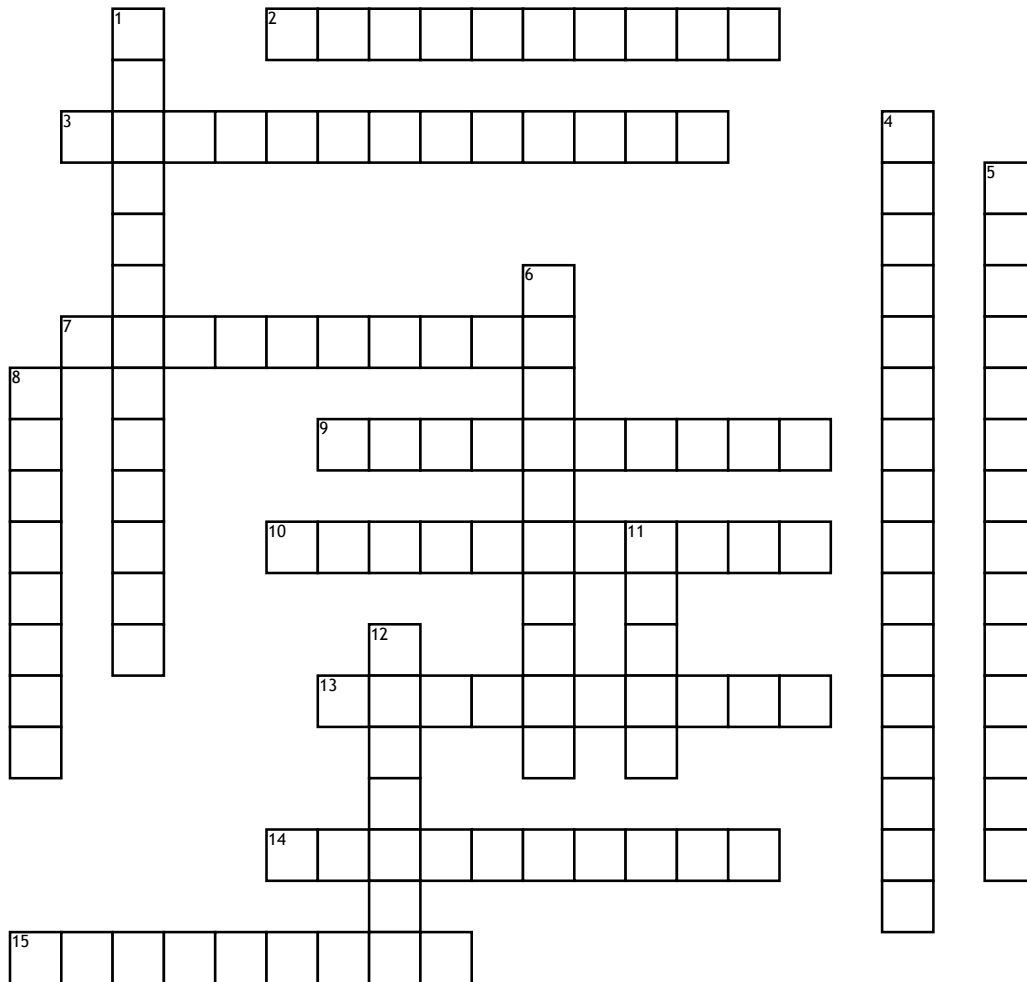


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Engineering Careers



## Across

2. Design, improve, and install integrated systems of people, materials, and energy  
 3. Apply engineering principles in order to improve and maintain the environment  
 7. Plan, perfect, or improve the sound of an architectural space  
 9. Create safer structures and fit more people and objects per square inch into these structures  
 10. Concerned with providing healthier products to consumers, who increasingly rely on food products  
 13. Design, produce, operate, and service machines and mechanical devices

14. Plan, coordinate, and implement the specifications for a new car, engineering every part

15. Design, develop, test, and help manufacture aircraft, missiles, and spacecraft

## Down

1. Applies science and math to the design, development, and implementation of manufacturing systems  
 4. Develop new materials, improve traditional materials, and produce materials  
 5. The application of engineering principles to biological systems

6. Responsible for the design, development, testing, and supervision of the manufacturing of electrical equipment

8. Concerned with programming robots and systems to perform tasks autonomously

11. Designing and supervising the construction of roads, buildings, airports, tunnels, bridges, and water systems

12. Use science to research genes found in the cells of plants and animals to develop better products

## Word Bank

industrial  
 structural  
 genetic  
 acoustical

bioengineering  
 civil  
 aerospace  
 materials science

automotive  
 manufacturing  
 electrical  
 environmental

food process  
 mechanical  
 robotics