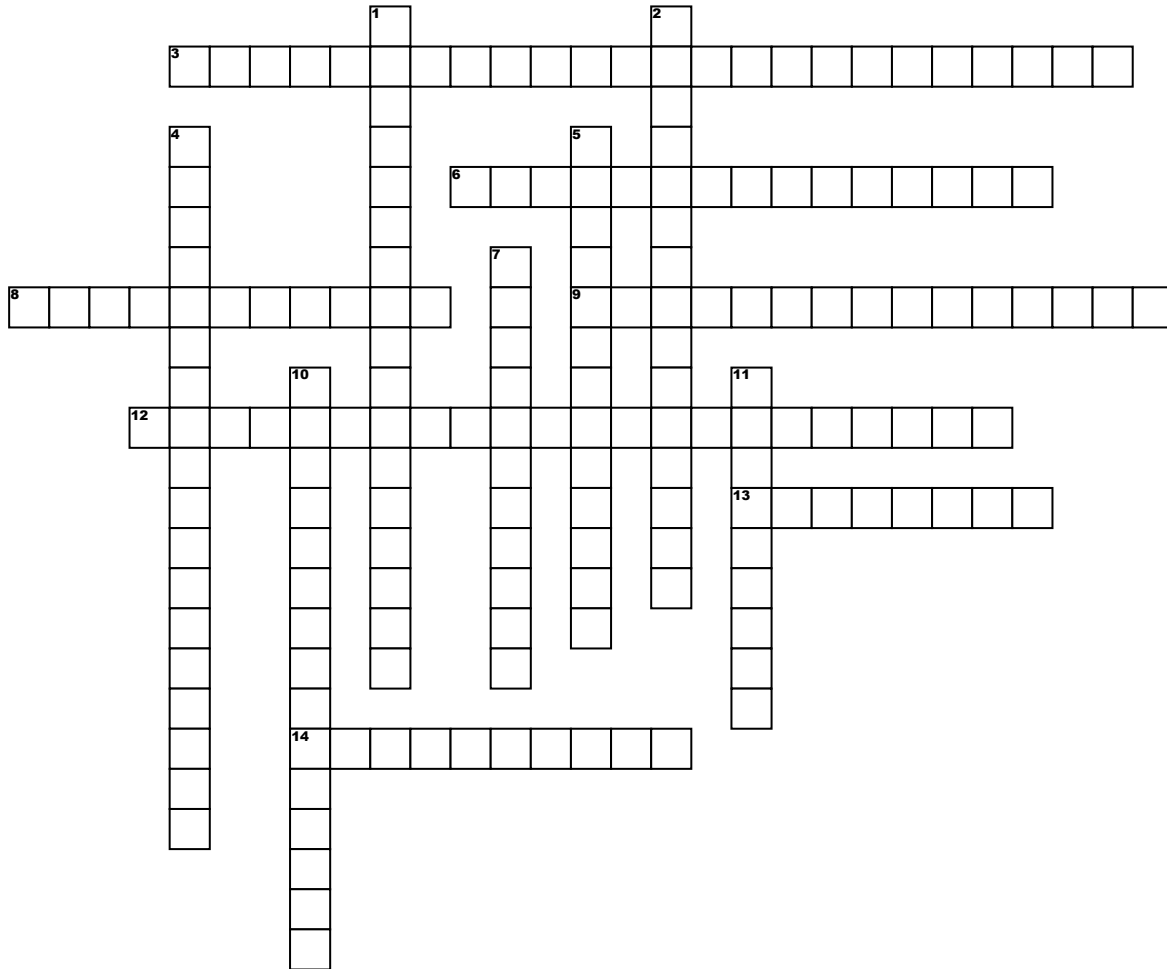


science vocab



Across

3. Is a series of steps that engineering teams use to guide them as they solve problems.

6. To find an engineering design solution, you need to find out as much about the need as you can.

8. Is the application of science and mathematics to solve real-life problems.

9. Your prototype probably won't be perfect the first time, but you should be on the right track.

12. When your prototype is finished, you have designed a solution to your problem. Tell others how you did it!

13. Is the act of giving up one advantage to keep another.

14. Is the application of science for the real-world purposes.

Down

1. Make design changes to improve your model so that it better solves your problem.

2. Which of your ideas do you want to try? Pick one, and plan how you want to try it.

4. Cooperate with others to come up with as many possible solutions as you can. These are not final solutions. They are ideas to try.

5. The first step in the engineering design process is to select a need to address.

7. Limitations or challenges.

10. Your prototype should be working model of your solution.

11. A test model.