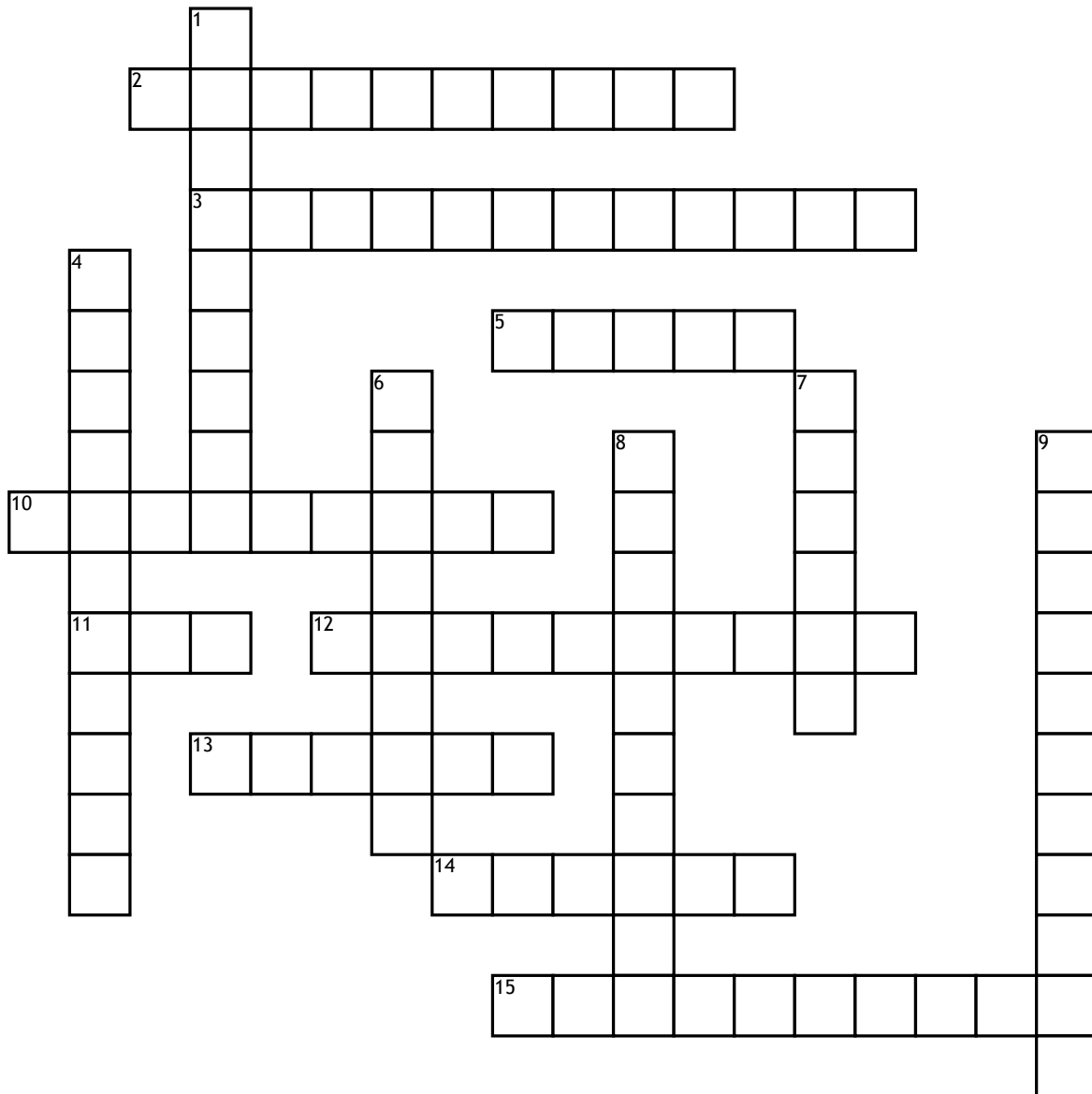


Engineering By Design vocab



Across

2. A process in which each person in the group presents their ideas in an open forum
3. A method used to identify why something does not work so that it can be fixed
5. A representation of a proposed devise, typically on a smaller scale than the original
10. A process of turning ideas and imagination into devices and systems
11. Engineering Design Process A process used by engineers to help develop products (parts of the process may need to be repeated many times)

12. Anything that humans developed in order to make task simpler
13. (verb) to decide upon the look and function of an object, typically by making a detailed drawing of it
14. To make changes in a design to alter the performance of the engineered product
15. A limitation or restriction that the design must consider (such as size, coast, time, ect.)

Down

1. A working model that is used to test a design concept by making actual observations and necessary adjustments

4. An expertise involving the application of science and math to solve practical problems
6. A set of measurable standards or specifications the design must meet
7. (noun) a plan or drawing produced to show the look or a function of an object before it is build or made
8. A process of modifying and existing product or system in order to improve it
9. It is to work together to produce or create something