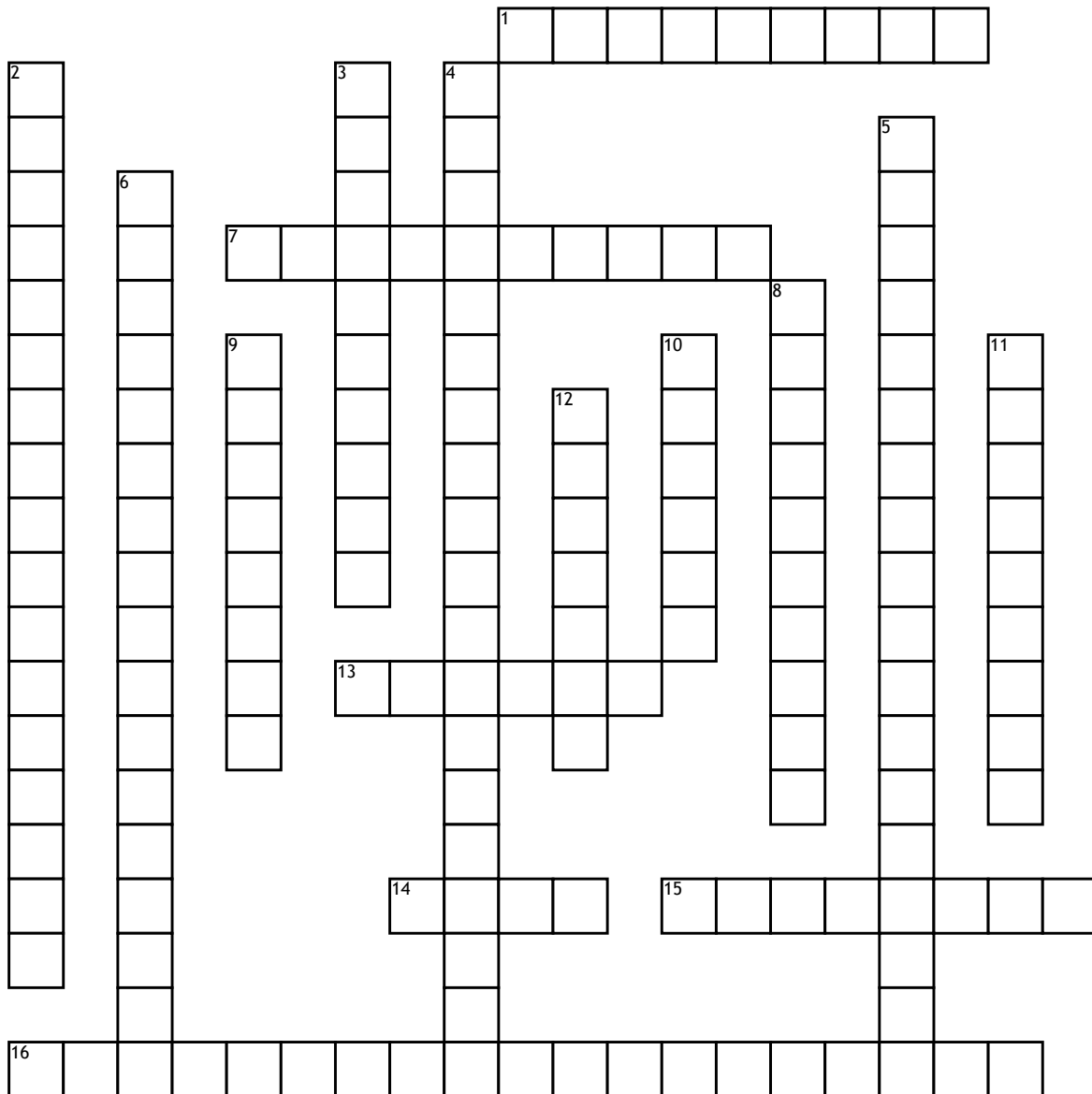


Scientific Method and Engineering Process



Across

1. A numbered list of all the items scientists use to conduct the experiment.
7. The scientific steps or directions on how to conduct the experiment.
13. To reflect or make changes.
14. The information scientist gather during an experiment.
15. Background information about the topic that helps the scientist make a hypothesis.
16. To test the hypothesis while controlling all variables except he independent variable.

Down

2. What a scientist measures throughout the experiment.
3. A prediction in the form of an if/then statement that may be the possible outcome of the investigation.
4. What you change or manipulate in the experiment.
5. Allows scientists to have a fair test.
6. Variables that scientists keep the same though out the entire experiment.

8. The summary of a scientists experiment to help you know what you can improve on.
9. A factual summary that describes the relationship between variables in the form of tables, graphs, or charts.
10. To make minor changes to a prototype, idea, process, or experiment.
11. Any factor that can be changed in an experiment.
12. A testible question that can be investigated.