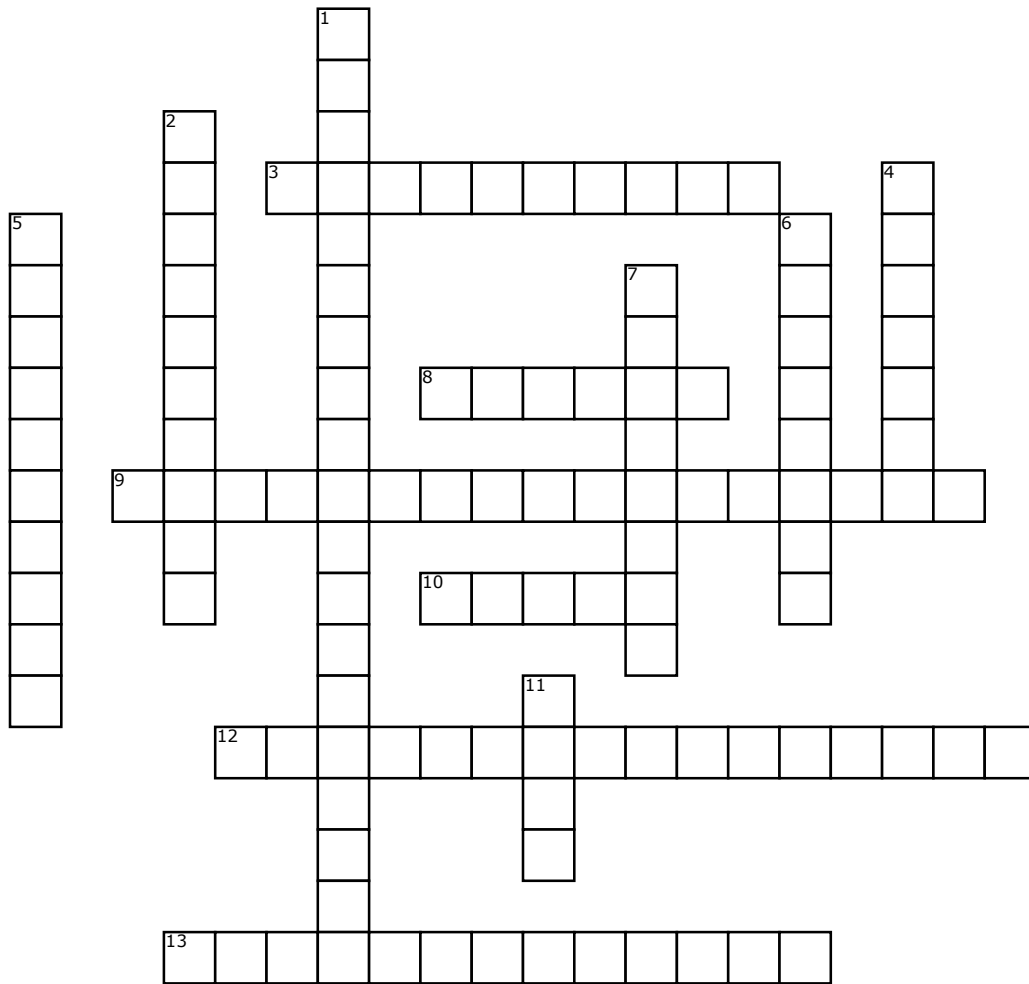


The Methods of Science



Across

- 3.** the application of science to help people
- 8.** an explanation of things or events based on knowledge gained from many observations and investigations
- 9.** amount of growth
- 10.** represents an idea, event, or object to help people better understand it
- 12.** an organized set of investigation procedures

- 13.** a statement about what happens in nature and that seems to be true all the time

Down

- 1.** the variable you change to see how it will affect the dependent variable
- 2.** tests the effect of one thing on another using controlled conditions
- 4.** the standard by which the test results can be compared

- 5.** a possible explanation for a problem using what you know and observe

- 6.** a factor that does not change when other variables change
- 7.** a quantity that can have more than a single value
- 11.** when what the scientist expects changes on how the results are viewed

Word Bank

- | | | | |
|----------------------|------------|-------------------|--------------------|
| independent variable | experiment | constant | model |
| scientific law | theory | scientific method | dependent variable |
| variable | control | technology | bias |
| hypothesis | | | |