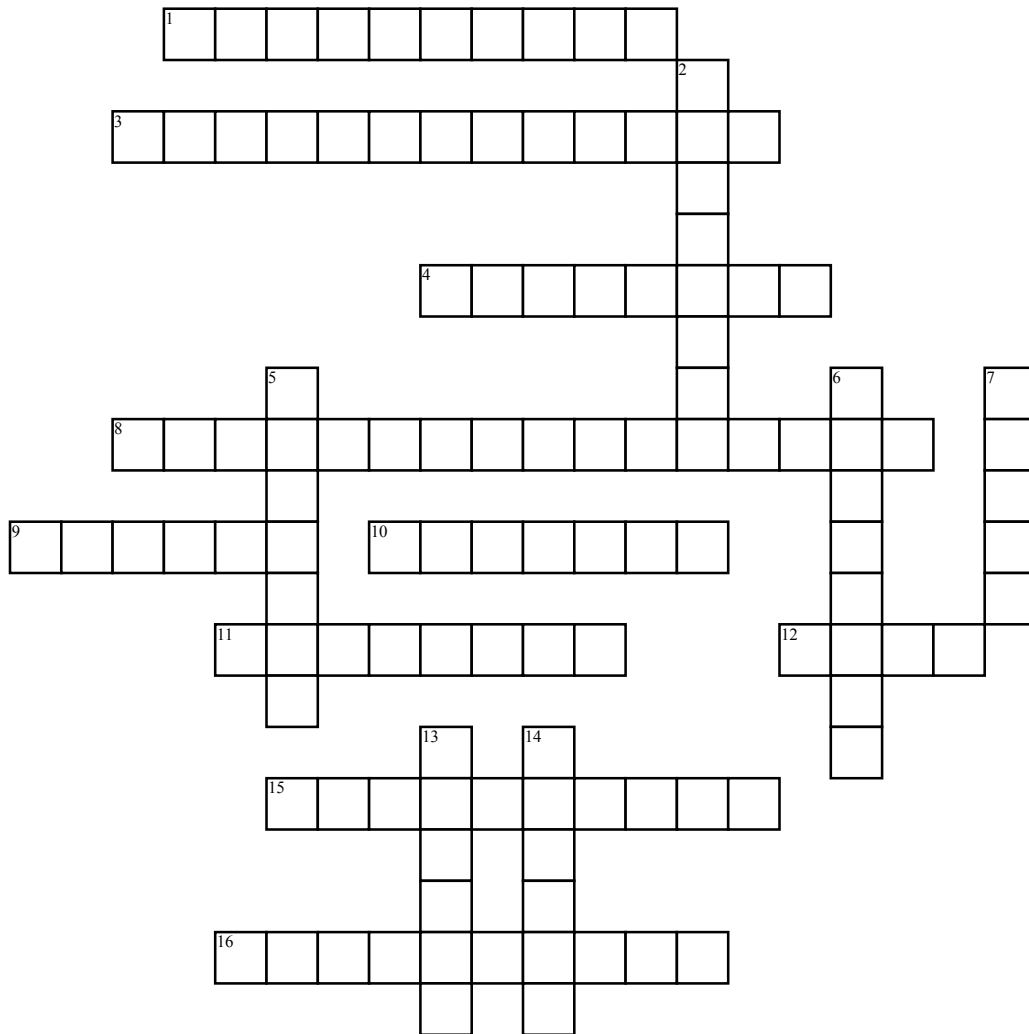


Chapter 1 Nature of Science



Across

- 1. Educated guess
- 3. A statement about something that always seems to be true.
- 4. Variable that does not change when others do.
- 8. Organized set of investigative procedures used to solve a problem
- 9. Represent ideas, events, or objects and can be physical or computerized
- 10. The standard to which the test results can be compared.

- 11. An exact quantity that people agree to use for comparison.
- 12. The amount of matter an object contains.
- 15. Science being applied to help people.
- 16. Tests the effect of one thing on another using controlled conditions.

- 6. Occurs when the Scientists expectations affect how the results are viewed.
- 7. Visual display of data or information used to detect patterns.
- 13. An explanation based on many observations and investigations.
- 14. The amount of space an object occupies.

Down

- 2. Is a quantity that can have more than a single value.
- 5. Mass per unit volume

Word Bank

- | | | | |
|-------------------|----------------|----------|------------|
| Scientific method | Scientific-Law | Variable | Theory |
| Technology | Control | Graph | Constant |
| Hypothesis | Constant | Standard | Experiment |
| Models | Density | Mass | Volume |