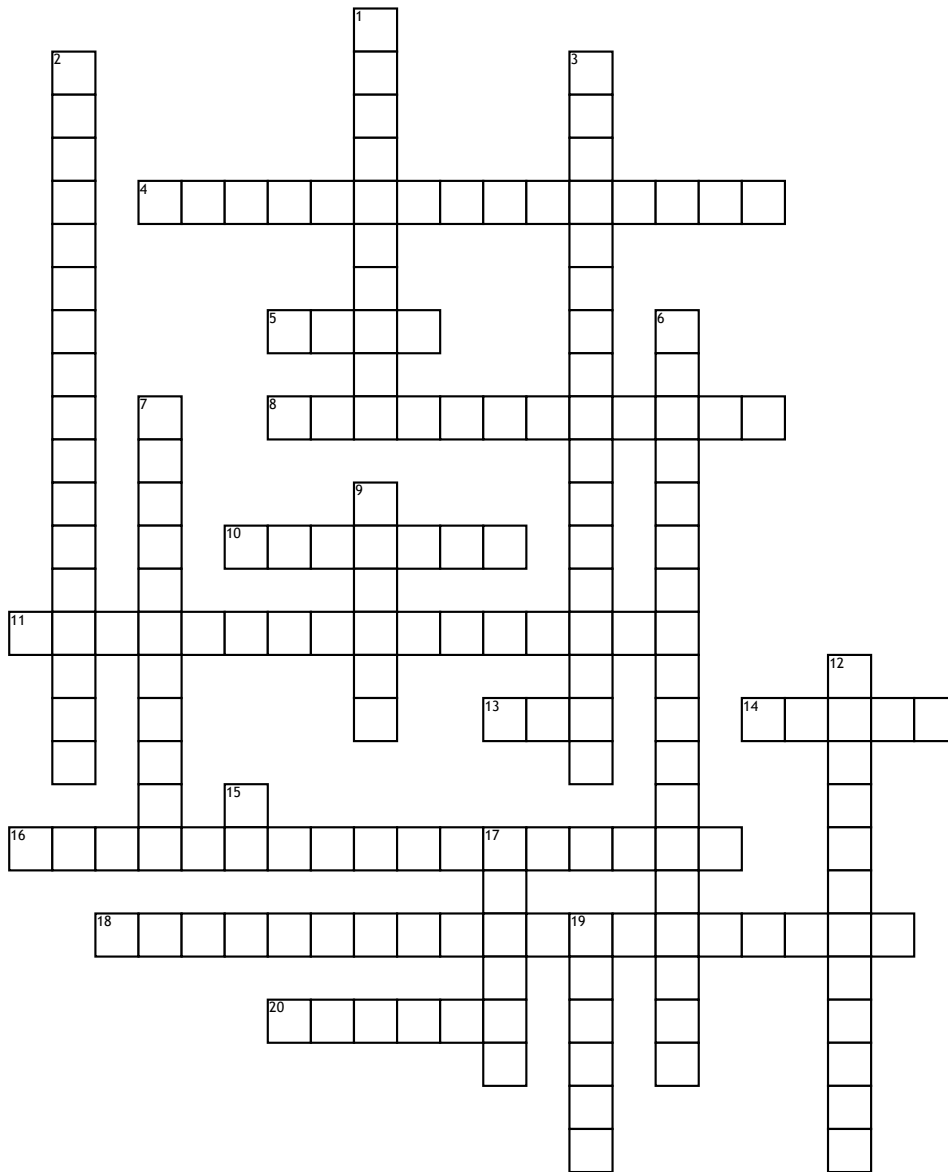


# Nature of Science & SI



## Across

- 4. Uses words to describe what is observed
- 5. The amount of matter in an object
- 8. Results of using one or more of your senses to gather information and taking note of what occurs
- 10. Science is
- 11. Uses numbers to describe what is observed
- 13. Base measurements in abbreviations
- 14. Basic building block

- 16. Used to study how a change in the independent variable changes the dependent variable.
- 18. The factor that you want to test. It is changed by the investigator to observe how it affects a dependent variable
- 20. Measure of the gravitational force on an object

## Down

- 1. A possible explanation for an observation that can be tested by a scientific investigation
- 2. Process that uses a variety of skills and tools to answer questions or test ideas

- 3. The factor you observe or measure during an experiment
- 6. These two give an atom mass
- 7. At the end of an experiment scientists must \_\_\_\_ their results
- 9. Anything that has mass and takes up space is
- 12. Contains the same factors as the experimental group, but the independent variable is not changed.
- 15. Measurements based on multiples of 10
- 17. How long an object is
- 19. Amount of space matter takes up