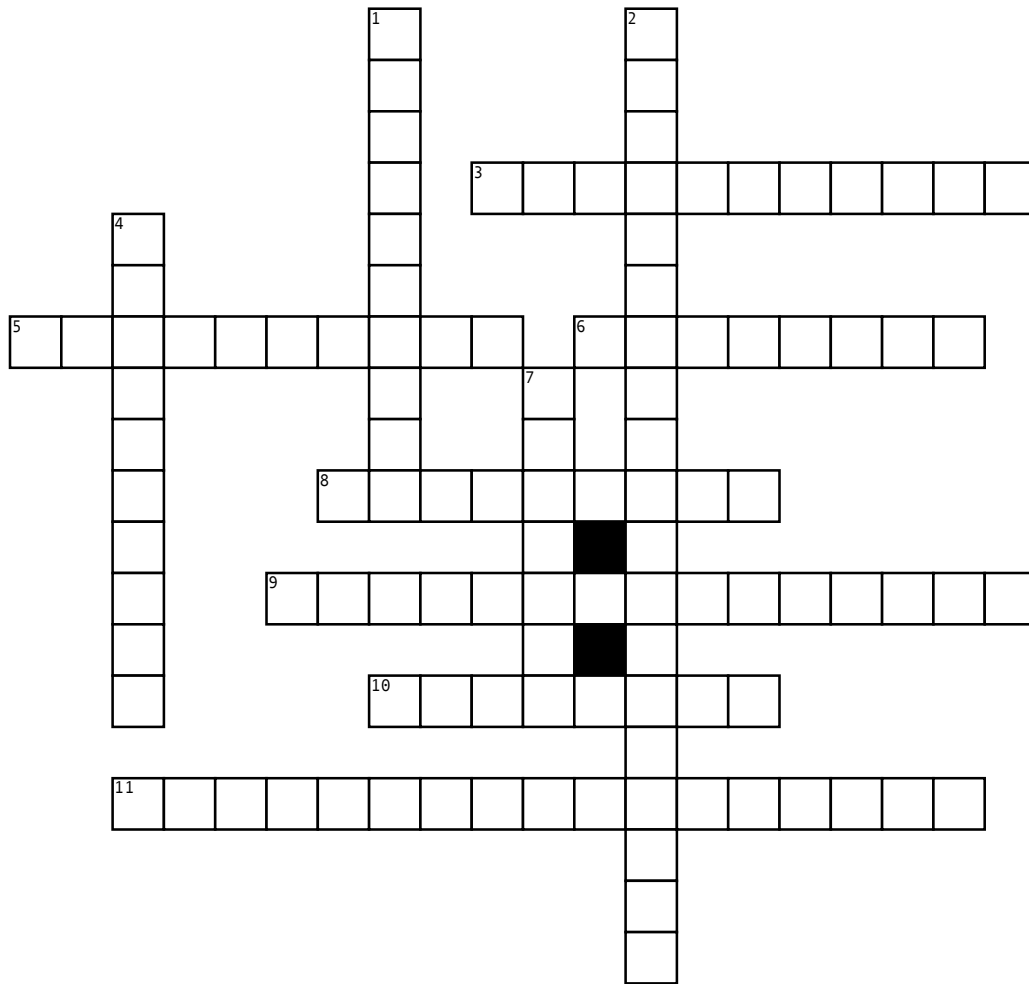


Scientific Method



Across

- 3. Any information collected with the senses.
- 5. An educated guess based on observations and your knowledge of the topic.
- 6. Recording what you have observed or collecting data.
- 8. The process of drawing a conclusion from given evidence.
- 9. Things that remain the same throughout the experiment.
- 10. Find out information that is already available about your topic.

- 11. The factor that is measured or observed throughout an experiment.

Down

- 1. A statement based on your data that says whether or not your hypothesis is correct.
- 2. The factor that is changed within an experiment.
- 4. A procedure or set of steps that helps to test your hypothesis.
- 7. The problem or question that you are facing.

Word Bank

- | | | |
|----------------------|------------------|--------------------|
| experiment | Research | Dependent Variable |
| Analysis | Control Variable | Hypothesis |
| Inference | Purpose | Observation |
| Independent Variable | Conclusion | |