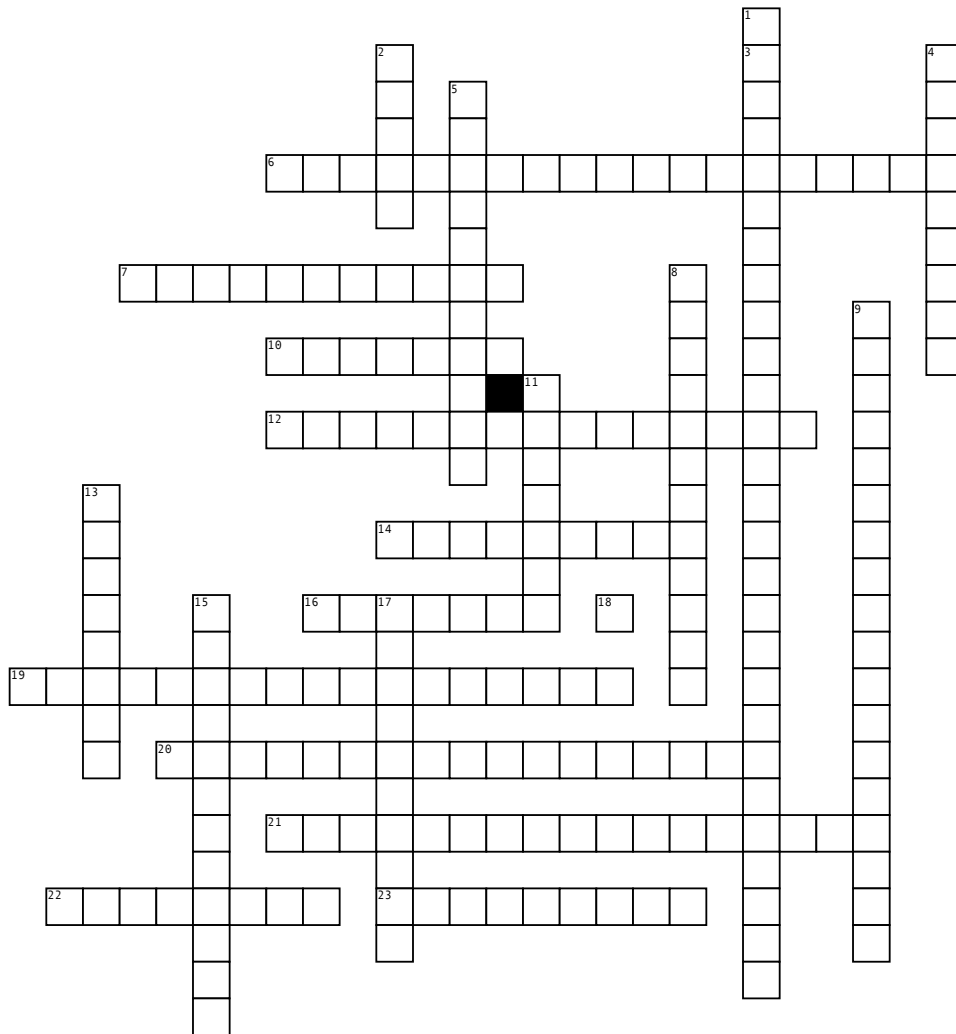


Biology Fundamentals



Across

- 3. independent variable
- 6. factor manipulated by scientist during experiment
- 7. we see or measure
- 10. recording & analyzing results
- 12. all countries use
- 14. factors that remain the same throughout the experiment
- 16. drawing conclusions
- 19. 1st step of the scientific method

- 20. measures volume
- 21. Data collected through observation & measurement
- 22. information collected by counting groups
- 23. conclusion based on an observation

- 9. 2nd step of scientific method
- 11. setting up an enrolled environment
- 13. quantity broken into parts
- 15. A means for comparison in the experiment
- 17. Proposed explanation or answer to scientific question
- 18. dependent variable

- Down**
- 1. science is based on
 - 2. measures length
 - 4. how data changes over time
 - 5. measures temp.
 - 8. measures mass

Word Bank

experimentation & observation
 inference
 bar graph
 balance scale
 observation
 3rd step
 graduated cylinder
 line graph

dependent variable
 Control group
 Hypothesis
 5th step
 pie graph
 SI or metric units
 independent variable
 constants

4th step
 thermometer
 x
 Forming a hypothesis
 Stating the problem
 ruler
 y