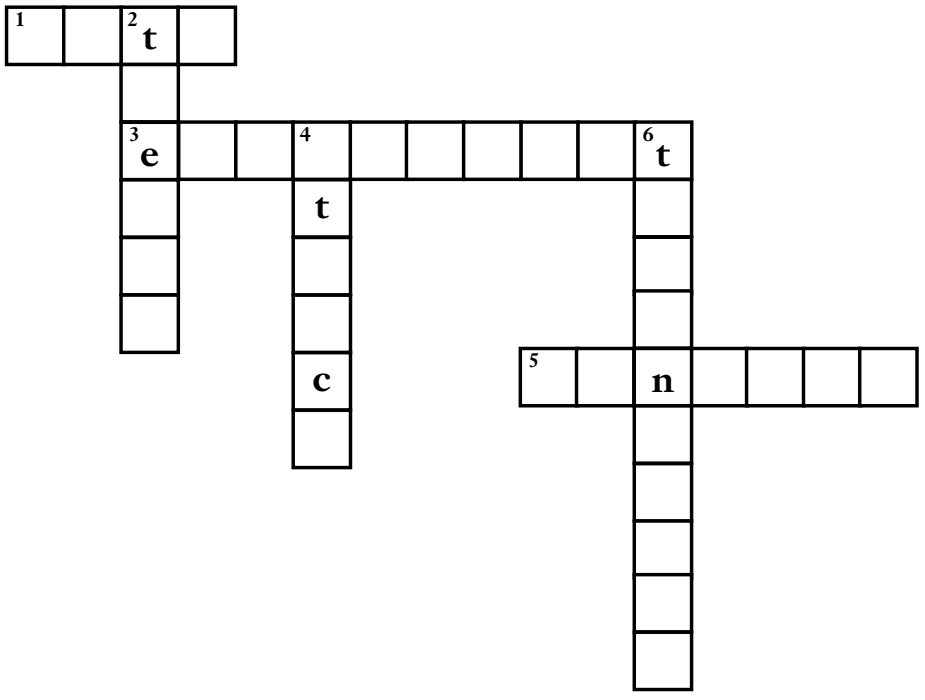
# CHAPTER 2 SCIENTIFIC METHODS IN BIOLOGY

## Review the Key Terms

**Use the Chapter 2 key terms in the box to fill in the puzzle.**

| |
|---|
| control |
| theory |
| data |
| ethics |
| technology |
| experiment |




**ACROSS**

1. information
3. what you do to test a hypothesis
5. the standard for comparison

**DOWN**

2. explanation based on many tests and observations over time
4. study of what is right and wrong
6. scientific research for society's needs or problems

**Use the Chapter 2 key terms in the box below to fill in the blanks in the sentences.**

| | | |
|---|---|---|
| **inductive reasoning** | **deductive reasoning** | **scientific methods** |
| **safety symbol** | **independent variable** | **dependent variable** |

7. Biologists use s_____ or common steps to solve problems.
8. I_____ _____ is when you use observations and facts to form a rule.
9. _____ r_____ is when you use general rules to guess what will happen in a particular case.
10. A _____ s_____ warns you about a possible danger in the lab.