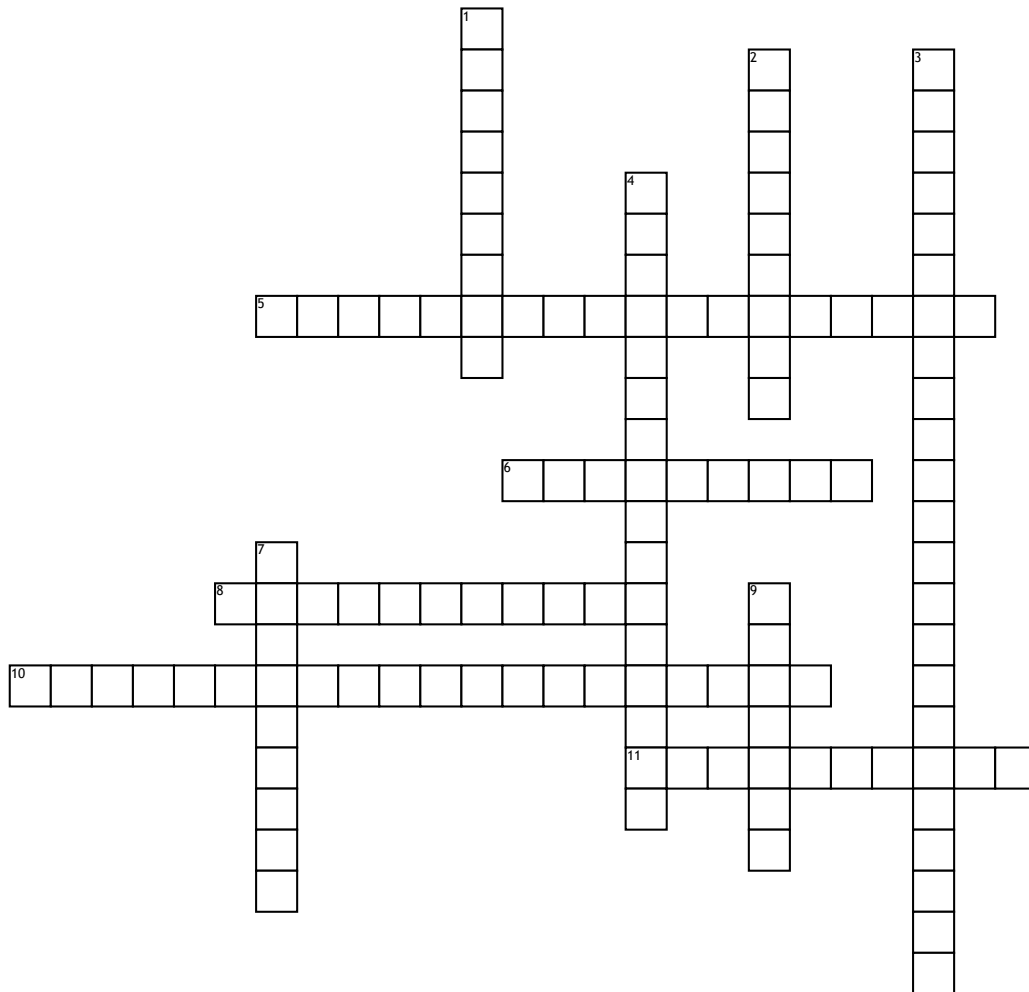


Lab Work and Logical Reasoning



Across

5. an explanation or description that results from considering something carefully
6. physical materials used for a specific purpose during the experiment and data collection
8. where researchers document their hypotheses experiments and initial analysis or interpretation of these experiments
10. a test or investigation planned to provide evidence for or against a hypothesis
11. written to describe and analyze a laboratory experiment that explores a scientific concept

Down

1. rules for care and safety of people and equipment in the testing area
2. type of diagram or graph that organizes and represents a set of numerical or qualitative info
3. experiment carried out for the purposes of demonstrating scientific principles rather than for hypothesis testing or knowledge gathering
4. ability to follow directions and think logically and draw conclusions
7. factors controlled and measured as part of a scientific experiment
9. variable that is HELD CONSTANT during an experiment

Word Bank

Equipment

ScientificDemonstration

ScientificAnalysis

control

ScientificExperiment

ProcessingSkills

LabJournals

DataChart

variables

LabSafety

LabReports