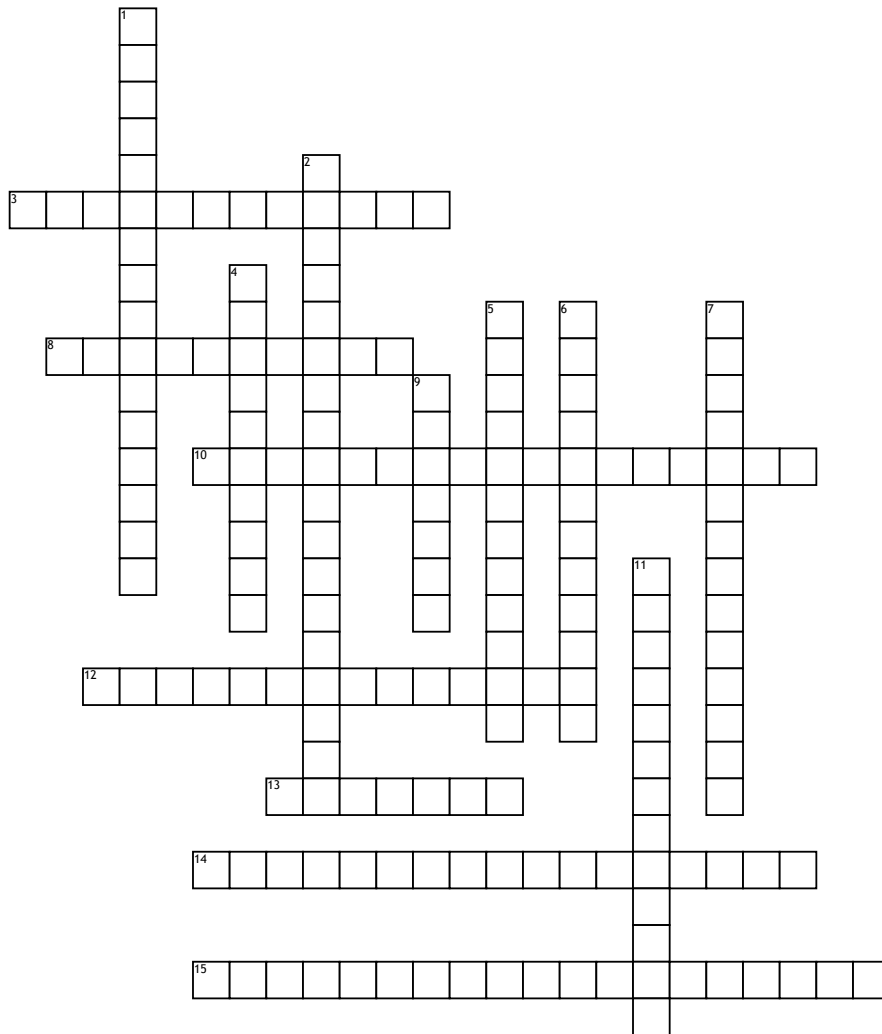


Name: _____

Date: _____

Period: _____

Science FSA #1 Crossword



Across

3. the temperature at which a substance changes from a solid to a liquid

8. The application of scientific knowledge for practical purposes

10. The diverse ways in which scientists study the natural world and propose explanations based on evidence they gather.

12. A change that occurs when one or more substances change into entirely new substances with different properties.

13. Mass per unit volume

14. The outcome factor; the variable that may change in response to manipulations of the independent variable.

15. The experimental factor that is manipulated; the variable whose effect is being studied.

Down

1. A well-tested explanation for a wide range of observations or experimental results.

2. Factor in an experiment that a scientist purposely keeps the same

4. the number of protons and neutrons in an atom

5. the temperature at which a substance changes from a liquid to a gas

6. the number of protons in the nucleus of an atom

7. a change of matter from one form to another without a change in chemical properties

9. organized way of gathering and analyzing evidence about the natural world

11. A statement that describes what scientists expect to happen every time under a particular set of conditions

Word Bank

independent variable

dependent variable

atomic mass

physical change

density

controlled variable

Science

chemical change

melting point

scientific law

atomic number

scientific inquiry

scientific theory

boiling point

technology