

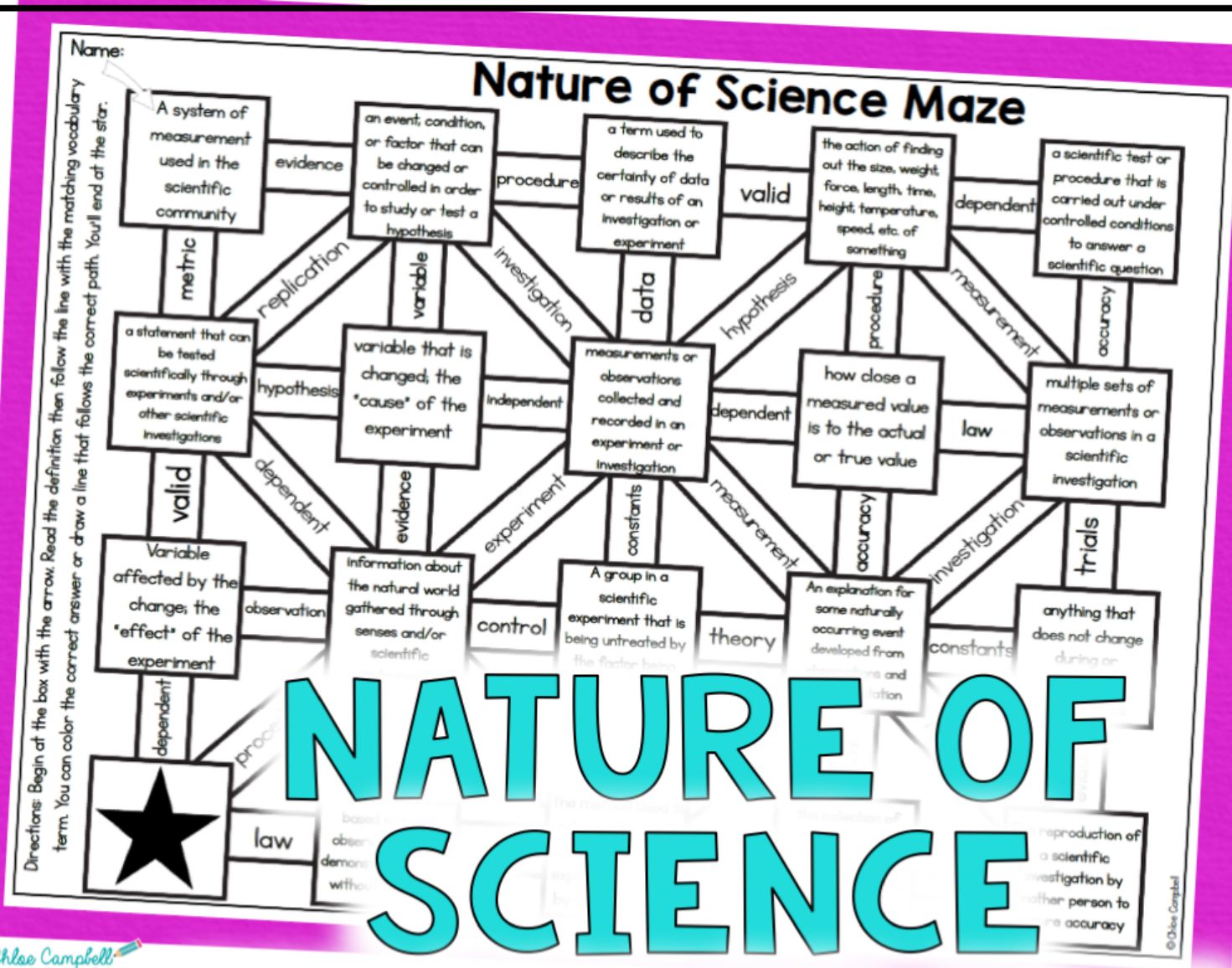
Nature of Science Words

- | | |
|----------------|-------------------|
| I. Experiment | II. Hypothesis |
| 2. Metric | 12. Independent |
| 3. Variables | 13. Accuracy |
| 4. Control | 14. Investigation |
| 5. Replication | 15. Measurements |
| 6. Evidence | 16. Observations |
| 7. Law | 17. Dependent |
| 8. Constants | 18. Procedure |
| 9. Valid | 19. Data |
| 10. Trials | 20. Theory |

Includes:

- ✓ **Word Search**
- ✓ **Crossword Puzzle**
- ✓ **Vocabulary Maze**
- ✓ **Word Wall Cards**
- ✓ **Write the Definition
Recording Sheet**
- ✓ **Answer Keys**

MAZE



Chloe Campbell
EDUCATION



NATURE OF SCIENCE VOCABULARY ACTIVITIES

DEFINITIONS

Name: _____		
Nature of Science Vocabulary		
Directions: Write the definition of each vocabulary term.		
Experiment	Investigation	Measurements
Electric	Accuracy	Observations
Variables	Independent	Dependent
Control	Hypothesis	Procedure
Replication	Trials	Data
Evidence	Valid	Theory
Law	Constant	Measurements
Experiment	Investigation	

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VOCABULARY
TERMS

CROSSWORD

Name: _____

Nature of Science Crossword


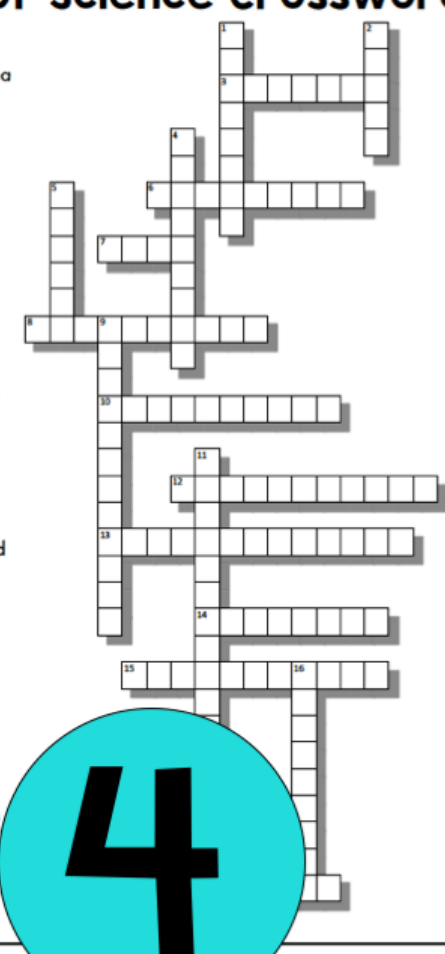
Across

- A group in a scientific experiment that serves as a reference for comparison to the experimental group; a group that is untreated by the factor being tested
- The method used to solve problems or complete experiments; step-by-step directions
- Measurements or observations collected and recorded in an experiment or investigation
- A statement that can be tested scientifically through experiments and/or other scientific investigations
- A scientific test or procedure that is carried out under controlled conditions to answer a scientific question
- The reproduction of a scientific investigation by another person to ensure accuracy
- An organized scientific study of the natural world that may include making systematic observation, asking questions, gathering information, analyzing data, summarizing results, drawing conclusions, and/or communicating results
- The collection of facts or information that suggests whether something is true or false
- Variable that is changed; the "cause" of the experiment
- Multiple sets of measurements or observations in a scientific investigation
- Anything that does not change during or between experiments; must stay the same throughout the entire experiment

Down

- How close a measured value is to the actual or true value
- A term used to describe the certainty of data or results of an investigation or experiment
- An event, condition, or factor that can be changed or controlled in order to study or test a hypothesis in a scientific experiment
- An explanation for some naturally occurring event developed from extensive observations, experimentation, and reasoning
- Information about the natural world gathered through the senses and/or scientific instruments
- The action of finding out the size, weight, force, lengths, time, height, temperature, speed, etc. of something
- Variable affected by the change; the "effect" of the experiment
- A system of measurement used in the scientific community
- A scientific principle based on many observations of naturally occurring events that demonstrate it to be without exception under certain stated conditions

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VOCABULARY ACTIVITIES

WORDSEARCH

Name: _____

Nature of Science Word Search

UHGAAIOOPLVALIDSAOWZESTMC
OESGCBWMDMDBCFLXDYVGMUMELN
LCOQCPTWEVIDENCEWYDFHCTF
ZGHUKZUFLZREPLICATIONRMR
MGSCRMVMRAAFDZFIEADVYDLRB
JMNZACXAXLMEMOLZCTLXTQCAI
PHELRCRINKDWFXVOQVRPVFDTIW
FYTAYXLBIRVRPPVCXITJLHULV
DPQFSZSHAGWWCRERSAHROYOWS
EOLCWUMMGMPZVOORKLQJXVMBC
PTXVKSQRQBAGBLINCISJDENZENV
EHINDEPENDENTNQSEMWOIVTKG
NEYGTKRZMQAGDVVKTDDEVXARFJ
DSMUSQUGJELVF EFABAUNORIDS
EICQOHFWUYN CNSEMUENRTICIR
NSZFVPVZONHOTTT PJGBUTEAFFK
TCKXTUXAWKEHSIRTZEFYSBTYN
OBSERVATIONSGPSHPDJLLCUB
ZCONTROLQWLRAEVKEKZLEWMF
LPKUBDVILJRYTTUVDOUNSLMS
SMACSZBWANROEIIISTAFRZOTJQ
RWJBRP SHUDHMVOZ NKPTYWDLX
WRKRKT TUTSLRKNHDOJIWPM AEM
NGBOUZDLQHSDFHBCIRQWIITLB
NKULTOMOTURPMYHNTXTMSWAWB

- | | |
|--------------------------------------|--|
| <input type="checkbox"/> Experiment | <input type="checkbox"/> Independent |
| <input type="checkbox"/> Metric | <input type="checkbox"/> Accuracy |
| <input type="checkbox"/> Variables | <input type="checkbox"/> Investigation |
| <input type="checkbox"/> Control | <input type="checkbox"/> Measurements |
| <input type="checkbox"/> Replication | <input type="checkbox"/> Observations |
| <input type="checkbox"/> Evidence | <input type="checkbox"/> Dependent |
| <input type="checkbox"/> Law | <input type="checkbox"/> Procedure |
| <input type="checkbox"/> Constants | <input type="checkbox"/> Data |
| <input type="checkbox"/> Valid | <input type="checkbox"/> Theory |
| <input type="checkbox"/> Trials | |
| <input type="checkbox"/> Hypothesis | |

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ANSWER KEYS
INCLUDED!

Metric

Hypothesis

Measurements

**Word
Wall
Cards**

What's the best way to use these science vocabulary games?

- Centers or Stations
- Whole Group Practice
- Morning Work
- Early Finisher Activities
- Substitutes
- Send home to engage students' families
- Review for a test