

Scientific Thinking Vocabulary Fill In The Blank
(With Word Bank)

ATI Day 4

Name: _____

Using the word bank below, fill in the blanks with the correct word.
TRY YOUR BEST!

Word Bank:

Observation	Inference	Hypothesis	Conclusion
Prediction	Analysis	Quantitative	Qualitative
Research	Scientific Method	Evidence	Data
Experiment	Resource	Theory	

1. _____ The investigation of a subject to discover new facts.
2. _____ A synonym for prophecy or forecast. To foretell the future.
3. _____ An educated prediction using background knowledge that explains an event or phenomena.
4. _____ Individual facts, statistics, or items of information that support a theory or idea.
5. _____ The process of studying data and how all features of an experiment relate.
6. _____ The test, trial, or procedure to discover something unknown.
7. _____ The end or close, final part.
8. _____ The specific type of data or observation that provides a quality description of an item.
9. _____ The specific type of data or observation that uses quantities or specific amounts.

10. _____ The method of research & exploration used by scientists to find a possible explanation of a problem or question.

11. _____ The gathering of factual information using one or more of the 5 senses.

12. _____ Conclusions and assumptions drawn from observations.

13. _____ A synonym for proof.

14. _____ A reliable source that supplies information or support such as the internet, a teacher, or books.

15. _____ A well-tested proposed explanation of a problem or question.