

Name: _____

Date: _____



GENIUSCHALLENGE

WHAT IS SCIENCE?

1. Science is the study of the natural world through _____ and _____.
2. Scientists work to answer questions about _____ and _____ things in the natural world work.
3. What is the difference between the law of gravity and the theory of gravity?

4. Why would scientists be more confident in one explanation than another?

5. Patterns in data can serve as _____ to support a claim.
6. _____ help scientists understand processes in the natural world by providing simpler representations of those processes.
7. An argument in science is most like a _____.
a. competition **b.** debate **c.** fight **d.** yelling match
8. Scientific investigations must be well _____ to be sure the data collected will help answer the scientist's question.
9. Why do scientists use mathematical equations?

10. Why do scientists often use computers to run simulations?
