


Fall 2015

Post-Assessment

IMSA Biology Team

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In your notebook, answer the following questions. With each, be sure to focus on how your understanding of science has **grown or changed** as the result of this unit (not just what the answer is!)

1. What have you learned about the process of science? Is there one "true" methodology?
2. How is knowledge gained in science? What are common ways that we "know" things?
3. Ideas can be conclusively falsified in science, but we almost never say things are "proven true". Why is this concept so important in science?
4. What separates science from other fields? What determines whether something can be identified as scientific or testable by scientific means?
5. What are theories, laws, and hypotheses? What is their relationship with one another?