

# Life Science Tests

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**Note to parent:**

These tests are purposely designed to be in-depth knowledge assessment tools. As such, they are fairly long, so please do not be intimidated! Essay or short answer-type questions are the best way to identify whether or not your student completely understands the material. It is perfectly acceptable, if you choose, to have your student answer only the even questions, only the odd questions, or every third question as you see fit for your student's need. If they are able to correctly answer the majority of questions asked, it is likely they understand all of the material very well. If your student answers questions better orally, please ask them that way, rather than having them write it out. The method of test taking should not be a stumbling block in your student's performance.

**LIFE SCIENCE TEST #1** (Chapters 1-3)

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1. What do biologists study?
2. What is the process of the scientific method?
3. True or false? The experimental group is exposed to the variable in a controlled experiment.
4. What is the difference between a measured and a derived unit?
5. List at least five ways data can be obtained during an experiment.





29. True or false? Proteins are not sensitive to changes in their amino acids, so the amino acids can be changed in a protein without much effect, if any, to the organism or the way the protein works.
  
30. Why is it said that the sun is the ultimate source of all biological energy on earth?
  
  
  
  
  
  
  
  
  
  
31. True or false? Plants use the energy they reflect for photosynthesis.
  
  
  
  
  
  
  
  
  
  
32. True or false? Objects appear the color they are because of the light they reflect.