



Studying made easy!

Student learning aids are carefully integrated throughout this manual. Take a look at the features provided to make learning easier:

Laboratory Preparation Learning objectives, introductory material, and experimental procedures are provided to help you prepare for your experiment before coming into the lab.

Conclusions To formulate conclusions, you will need to synthesize information from a variety of sources, including your experimental results, your knowledge of underlying principles, and your understanding of how the experiment was conducted and/or the materials that were used.

Color Bars and Icon Throughout the chapter, the following icon and color bars will assist you:



Time—Allow the designated amount of time for this activity. Start these activities at the beginning of the laboratory, proceed to other activities, and return when the designated time is up.



Observation—An activity in which you observe models or slides and make identifications or draw conclusions.



Experimental Procedure—An activity in which a series of laboratory steps is followed to achieve a learning objective.

Laboratory Review Each laboratory ends with short-answer questions that will help you determine if you have accomplished the objectives for the laboratory.

www.mhhe.com/maderbiology10



Virtual Labs A complete set of over 20 online introductory biology laboratory exercises are available on this text's website. Each exercise is self-contained with all instructions and assessment for students. For use either stand-alone or as a supplement to a traditional lab course, this interactive learning tool will help students understand key biological concepts and processes.



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