



## Biotechnology in the High School Classroom: A Resource Guide and Lab Manual for Exploring Biotechnology 44 Minutes at a Time

By Tommie S Hata

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 200 pages. Dimensions: 9.9in. x 7.9in. x 0.6in. This is a practical lab reference and manual for both the experienced high school teacher who is already incorporating biotechnology activities in the classroom and for the teacher who is just starting to do so. This manual shares tips and methods to make biotechnology activities more accessible to the classroom environment. The recommendations and protocols are based on experience in both the research laboratory and the high school classroom. What considerations should I make when setting up a teaching laboratory at my school How do I break up a miniprep protocol that cant be completed in a single class period What is a good way to make antibiotic solutions and enzymes readily accessible to students throughout the semester This manual answers these questions and many more. This manual will help you to move beyond using kits from big vendors and to develop your own activities. It will help you to determine where to get the necessary reagents and how to organize these resources in the classroom for your students. The biotechnology activities and suggestions outlined in this manual,...



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