


## Illustrated Guide to Home Biology Experiments

By Robert Bruce Thompson, Barbara Fritchmann Thompson

O'Reilly Media, Inc, USA. Paperback. Book Condition: new. BRAND NEW, Illustrated Guide to Home Biology Experiments, Robert Bruce Thompson, Barbara Fritchmann Thompson, Experience the magic of biology in your own home lab. This hands-on introduction includes dozens of educational (and fun) experiments that let you explore this fascinating field on your own. Perfect for middle- and high-school students and DIY enthusiasts, this full-color guide teaches you the basics of biology lab work and shows you how to set up a safe lab at home. The Illustrated Guide to Home Biology Experiments is written with the needs of home-schoolers firmly in mind, as well as those of adults who are eager to explore the science of nature as a life-long hobby. \* Investigate the chemistry of life from simple acids, bases, and buffers to complex carbohydrates, proteins, lipids, enzymes, and DNA \* Explore photosynthesis, fermentation, osmosis, nitrogen fixation, and other life processes \* Observe populations and ecosystems and do air and water pollution tests \* Investigate genetics and inheritance \* Do hands-on microbiology, from simple culturing to micro-evolution of bacteria by forced selection \* Gain the hands-on experience you need to pass the AP Biology exam \* And much, much more...

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