



## Junk Drawer Chemistry: 50 Awesome Experiments That Don't Cost a Thing

By Mercer, Bobby.

Chicago Review. 1 Paperback(s), 2016. soft. Book Condition: New. You don't need expensive lab equipment to conduct chemistry experiments, notes high school physics teacher Bobby Mercer; in fact, you probably have all you need in your home junk drawer. Here he shows scientists 9 and up how to turn three pennies and two galvanized washers into a simple battery, and convert an LED flashlight into a simple electrolyte tester. You can use a 9-volt battery and thumbtacks to break water molecules into oxygen and hydrogen; mix water and cornstarch to create a gooey, non-Newtonian fluid; and model radioactive decay using M&M candies. Each of the projects has a materials list, illustrated step-by-step instructions, and a brief explanation of the scientific principle at work. 206.



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