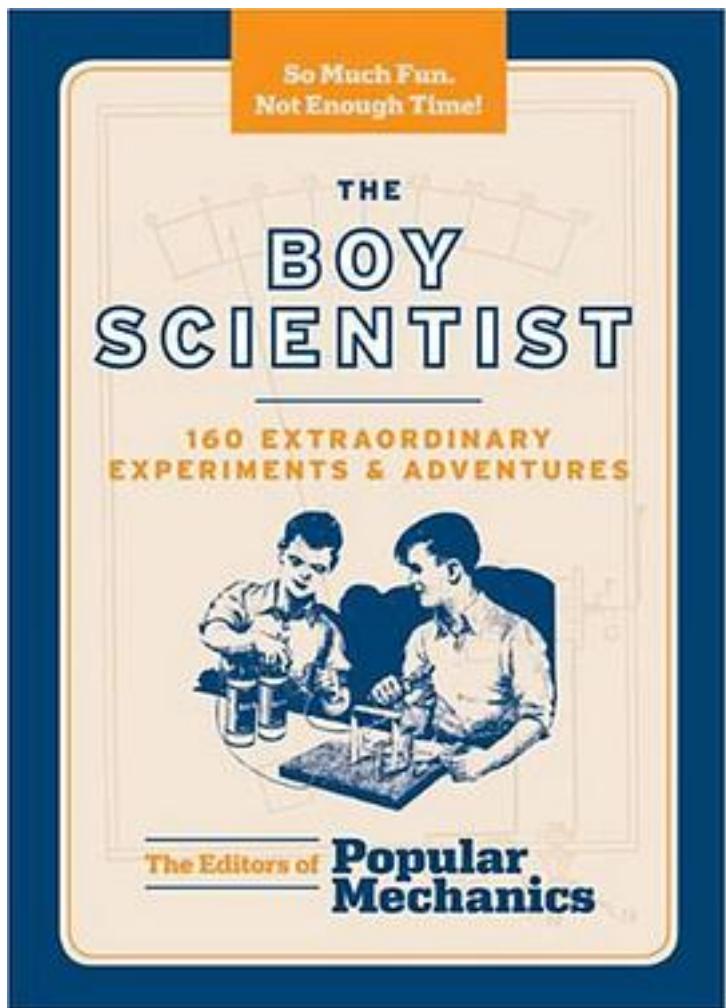


The Boy Scientist



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著者:Popular Mechanics 编

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This book continues the "Popular Mechanics'" tradition of making science engaging

and entertaining. It includes experiments that range from constructing a compass and magnetising watches to those with gravity, pressure and vacuums. This is the latest in the hugely successful series. Science has never been so much fun! Taken from the turn-of-the twentieth-century issues of "Popular Mechanics" magazine, these 145 experiments are based on chemistry, maths and physics. Even though technology has changed and our knowledge of how things work has grown, the underlying scientific principles behind these activities remain sound. The projects include constructing a homemade mariner's compass; microscope without a lens; telescopic rangefinder; figuring out the height of a tall tree with the help of the sun; magnetising watches and metal tools; and, crystallising minerals in the lab and building a simple radio transmitting set. Plus, there are thought-provoking experiments with gravity, pressure and vacuums and information on carrying out all these activities safely. As always, charming illustrations throughout add to the nostalgic appeal. This classic collection is the perfect gift for every budding young mad scientist!

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