

# Doable Renewables: 16 Alternative Energy Projects For Young Scientists - Mike Rigsby

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Kids will learn valuable hands-on lessons from this guide by constructing working models that generate renewable, alternative energy. Budding scientists learn how to build their own Kelvin water-drop generator out of six recycled cans and alligator-clip jumpers; a solar-powered seesaw from a large dial thermometer and a magnifying glass; and a windmill from eight yardsticks, PVC pipe, cardboard, and a converter generator. Children will investigate the energy-generating properties of a solar cell, a radiometer, a Nitinol heat engine, and a Peltier cell there are even plans to build a human-powered desk lamp. Each project includes a materials and tools list as well as online information on where to find specialized components. Author: Rigsby, Mike Publisher: Chicago Review Press Illustration: N Language: ENG Title: Doable Renewables: 16 Alternative Energy Projects for Young Scientists Pages: 00224 (Encrypted EPUB) On Sale: 2010-10-01 SKU-13/ISBN: 9781569763438 Age: 10-13 Reading Level: 05-08 Category: Juvenile Nonfiction : Science & Nature - Environmental Scien Category: Juvenile Nonfiction : Science & Nature - Experiments & Proje

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