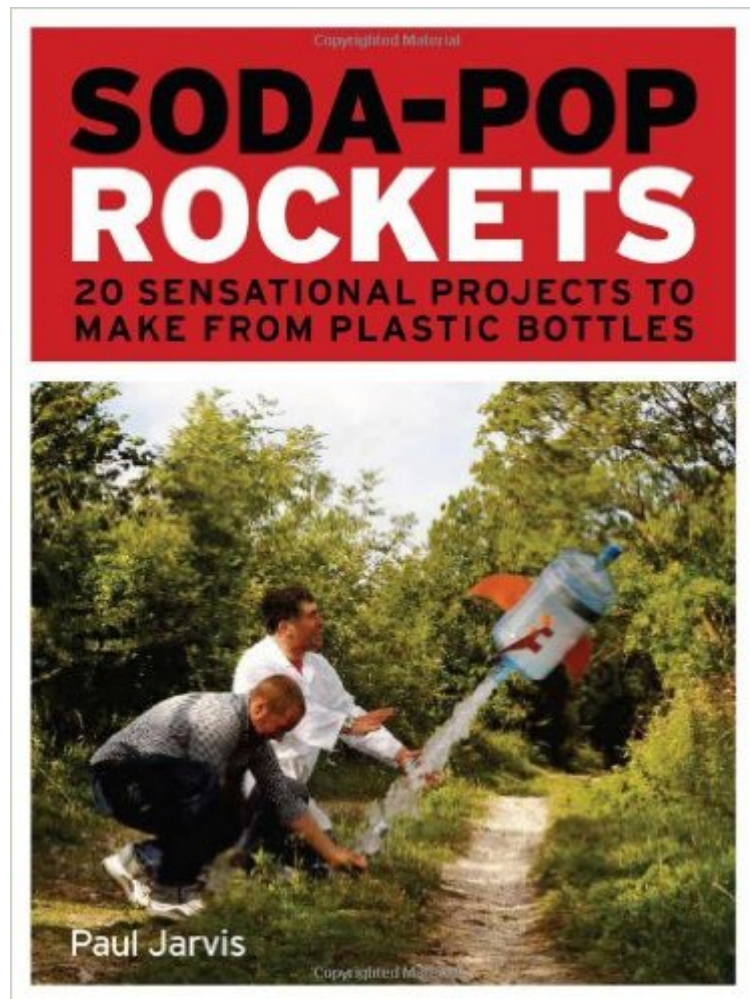


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# Soda-Pop Rockets: 20 Sensational Rockets To Make From Plastic Bottles



## Synopsis

Anyone can recycle a plastic bottle by tossing it into a bin, but it takes a bit of skill to propel it into that bin from 500 feet away. Skill, and a copy of *Soda-Pop Rockets*.<sup>Â</sup> Author and engineer Paul Jarvis has designed 20 different easy-to-launch rockets that can be built from discarded plastic drink bottles. After learning how to construct and fly a basic model, readers will find out new ways to modify and improve their designs, including built-on fins, nosecones, and parachutes that enable a rocket to float safely back to earth. More complex designs include two-, three-, and five-bottle rockets, gliding rockets, long-tail rockets, cluster rockets, whistling rockets, ring-finned rockets, and a jumbo version made from a five-gallon water-cooler tank.<sup>Â</sup> Clear, step-by-step instructions with full-color illustrations accompany each project, including how to build a launch pad, along with photographs of the author firing his creations into the sky. For those determined to find an educational benefit to their tinkering, these rockets are a clear demonstration of Newton<sup>â</sup>™s Third Law. Soda-bottle rockets can even be used as science fair projects by budding engineers. You don<sup>â</sup>™t have to be a rocket scientist to build them, but who knows what career path you<sup>â</sup>™ll take after you do?

## Book Information

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## Customer Reviews

The concept of the water rocket is great. All the boys (ages 5 to 70) loved playing with the bottle rockets. The basic launcher was inadequate to launch the rockets. Once the (big) boys built a heavy duty launcher, it worked great. It is something the younger boys can enjoy without a lot of adult supervision. It drew quite a crowd. The birthday boy thinks it was a great gift - 'I love it,' he says.

Bought this book to teach my nephew, how to build water bottle rocket. The author has conveniently left out of the book as to how to make a launch stand with the coat hangers. When I ordered it, it was in the section of how to make your launch stand with coat hangers. When I received the book, there was nothing in the book. I think, it's one way to deceive the public by showing some thing that is not there to begin with. The author shows how to make multiple bottle rockets, but doesn't even say how much water to put in the bottle and how much air pressure to use for launching. This is nothing but a deceptive practice. Even on the cover page, he is showing his 5 gallon water cooler bottle take off to show us how well it works. In side the book, he doesn't even tell you as to how much water pressusre to use to launch this water cooler bottle. I do not recommend any one to buy this useless book which gives lot of colored picures and no important information about launch stand and the amount ot air presuure to use.

Come on guys, who had never thought of experimenting something like this....I have to tell you i became dad of the year trying these out with my kids....highly recommended for the ingenious father!

Great summer fun with my kids! They have become the hit of the park every time we build a new rocket and take it out for test flights. Some of the rockets are a bit much for my kids right now, but that just ensures we'll be building new rockets in the coming years!

My little boy loves this book and carries it with him. Doing the experiments are fun and the directions are pretty good. We are excited to try the more advanced rockets. We also got an Aquapod launcher to go with this. Good fun for big and little boys :).

There is much more information on the web. I do like the fact that he gave test results for each design.

12 year old inventive grandson loved this book. Full of ideas for rocket construction with complete and easy to follow directions. This was a perfect gift for the amateur rocket builder.

Nice book for the kids (big & little) detailing soda bottle rocket and launcher construction. Only complaint is the book binding tore apart from the pages on the first opening.

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