



Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices

By William Gurstelle

Download now

Read Online ➔

Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle

This bestselling DIY handbook now features new and expanded projects, enabling ordinary folks to construct 16 awesome ballistic devices in their garage or basement workshops using inexpensive household or hardware store materials and this step-by-step guide. Clear instructions, diagrams, and photographs show how to build projects ranging from the simple match-powered rocket to the more complex tabletop catapult and the offbeat Cincinnati fire kite. The classic potato cannon has a new evil twin-the piezo-electric spud gun-and the electromagnetic pipe gun has joined the company of such favorites as the tennis ball mortar. With a strong emphasis on safety, the book also gives tips on troubleshooting, explains the physics behind the projects, and profiles scientists and extraordinary experimenters such as Alfred Nobel, Robert Goddard, and Isaac Newton. This book will be indispensable for the legions of backyard toy-rocket launchers and fireworks fanatics who wish every day was the fourth of July.

⬇ [Download Backyard Ballistics: Build Potato Cannons, Paper M ...pdf](#)

📖 [Read Online Backyard Ballistics: Build Potato Cannons, Paper ...pdf](#)

Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices

By William Gurstelle

Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle

This bestselling DIY handbook now features new and expanded projects, enabling ordinary folks to construct 16 awesome ballistic devices in their garage or basement workshops using inexpensive household or hardware store materials and this step-by-step guide. Clear instructions, diagrams, and photographs show how to build projects ranging from the simple match-powered rocket to the more complex tabletop catapult and the offbeat Cincinnati fire kite. The classic potato cannon has a new evil twin-the piezo-electric spud gun-and the electromagnetic pipe gun has joined the company of such favorites as the tennis ball mortar. With a strong emphasis on safety, the book also gives tips on troubleshooting, explains the physics behind the projects, and profiles scientists and extraordinary experimenters such as Alfred Nobel, Robert Goddard, and Isaac Newton. This book will be indispensable for the legions of backyard toy-rocket launchers and fireworks fanatics who wish every day was the fourth of July.

Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle Bibliography

- Sales Rank: #13783 in Books
- Color: green
- Brand: Independent Publishers Group
- Published on: 2012-09-01
- Released on: 2012-09-01
- Original language: English
- Number of items: 1
- Dimensions: 10.00" h x .60" w x 7.00" l, 1.07 pounds
- Binding: Paperback
- 240 pages



[Download Backyard Ballistics: Build Potato Cannons, Paper M ...pdf](#)



[Read Online Backyard Ballistics: Build Potato Cannons, Paper ...pdf](#)

Download and Read Free Online Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle

Editorial Review

Review

"Fun and potentially dangerous, this is sure to be a hit at most public libraries. Recommended. Bring your own safety goggles." —*Library Journal*

"A great primer for the would-be engineer, and a wonderful chance for bonding among like-minded parents and children . . . Great fun!" —*Courier-Journal*

"How is it possible not to love a book with chapter titles like 'Back Porch Rocketry' and 'Greek Fire and the Catapult'? I devoured this prodigious account of all things explosive." —Homer Hickam, author of *Rocket Boys*

"Would-be rocketeers, take note: Engineer William Gurstelle has written a book for you." —*Chicago Tribune*

"If you want to make a potato soufflé, pick up a book by Julia Child. If you want to decorate your holiday cards with hand-cut potato stamps, look to a Martha Stewart manual. If, however, you'd like to launch a potato in a blazing fireball of combusting hairspray from a PVC pipe, your best source is *Backyard Ballistics*, by William Gurstelle." —*Time Out New York*

"Your inner boy will get a bang out of these 13 devices to build and shoot in your own back yard, some of them noisy enough to legally perk up a 4th of July." —*Dallas Morning News*

About the Author

William Gurstelle is the author of *Absinthe & Flamethrowers*; *The Art of the Catapult*; *Building Bots*; *The Practical Pyromaniac*; *Notes from the Technology Underground*; and *Whoosh, Boom, Splat*. He is a professional engineer who has been researching and building model catapults and ballistic devices for more than 30 years and is a contributing editor at *Popular Mechanics* and *Make* magazine and writes frequently for *Wired*, *The Rake*, and several other national magazines. He lives in Minneapolis, Minnesota.

Users Review

From reader reviews:

Curtis Locke:

Within other case, little persons like to read book Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices. You can choose the best book if you love reading a book. Providing we know about how is important any book Backyard Ballistics:

Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices. You can add information and of course you can around the world with a book. Absolutely right, since from book you can learn everything! From your country right up until foreign or abroad you will end up known. About simple factor until wonderful thing you can know that. In this era, we could open a book or even searching by internet gadget. It is called e-book. You should use it when you feel bored to go to the library. Let's learn.

Ollie Johnson:

Book will be written, printed, or outlined for everything. You can know everything you want by a guide. Book has a different type. We all know that that book is important factor to bring us around the world. Adjacent to that you can your reading ability was fluently. A book Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices will make you to possibly be smarter. You can feel more confidence if you can know about almost everything. But some of you think that will open or reading some sort of book make you bored. It is not necessarily make you fun. Why they could be thought like that? Have you searching for best book or ideal book with you?

Clarence Lowery:

Your reading 6th sense will not betray you, why because this Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices guide written by well-known writer whose to say well how to make book that could be understand by anyone who also read the book. Written throughout good manner for you, leaking every ideas and creating skill only for eliminate your own personal hunger then you still uncertainty Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices as good book not just by the cover but also from the content. This is one guide that can break don't determine book by its include, so do you still needing one more sixth sense to pick this!? Oh come on your examining sixth sense already told you so why you have to listening to another sixth sense.

Amanda Doss:

Are you kind of stressful person, only have 10 or even 15 minute in your morning to upgrading your mind proficiency or thinking skill perhaps analytical thinking? Then you are experiencing problem with the book than can satisfy your small amount of time to read it because this time you only find e-book that need more time to be examine. Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices can be your answer as it can be read by a person who have those short time problems.

Download and Read Online Backyard Ballistics: Build Potato

**Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball
Mortars, and More Dynamite Devices By William Gurstelle
#UI9X8WOLHDB**

Read Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle for online ebook

Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle Free PDF download, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle books to read online.

Online Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle ebook PDF download

Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle Doc

Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle Mobipocket

Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle EPub

UI9X8WOLHDB: Backyard Ballistics: Build Potato Cannons, Paper Match Rockets, Cincinnati Fire Kites, Tennis Ball Mortars, and More Dynamite Devices By William Gurstelle