

Roaring Rockets

Roaring Rockets MAXIMUM SPEED ROARING ROCKETS Roaring Rockets All About Rockets All About Rockets Rockets Make: Rockets Rockets of the World I Still Have All My Fingers Rockets Rockets Rockets of the World *Tony Mitton ROB COLSON ROB. COLSON Miriam Gross S. K. Das David Baker Mike Westerfield Peter Alway Dan Pollino Anne Drozd Allan Morey Peter Alway*
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rockets are flying objects powered by an explosive mix of fuel while the first rockets were developed for war over 1 000 years ago they eventually made space exploration possible this visually appealing volume gives readers an overview of the development of rockets statistics timelines infographics and diagrams explaining technology concepts will inspire vehicle fans and budding engineers alike a concluding speed file graphic organizer helps young engineers compare record setting speeds of historic rockets

your students will learn that without rockets we wouldn't be in space this book offers an approachable presentation of the history and function of rockets

who invented rockets why do we need them how do rockets work it may be rocket science but it has never been easier to know all about rockets through 75 q as you will learn absolutely everything about rockets who makes them how are they made who were the scientists who developed the science of rockets what will the rockets of the future be like these are just some of the fascinating questions answered in this book in easy to understand jargon free language accompanied by numerous illustrations photographs and suggested experiments which will help you comprehend the principles of rocket science right in your home all about rockets tells all you ever wanted to know about these intriguing machines

explores rockets and how they are used to explore the universe

this book teaches the reader to build rockets powered by compressed air water and solid propellant with the maximum possible fun safety and

educational experience make rockets is for all the science geeks who look at the moon and try to figure out where neil armstrong walked watch in awe as rockets lift off and want to fly their own model rockets starting with the basics of rocket propulsion readers will start out making rockets made from stuff lying around the house and then move on up to air water and solid propellant powered rockets most of the rockets in the book can be built from parts in the estes designer special kit

what s important when building a rocket from scratch how about high performance ease of construction and safety let s face it nobody wants to lose a limb with over fifteen years experience building rockets dan pollino s latest manual makes this seemingly daunting project simple you ll learn such fundamental tasks as making the rocket body from a drain pipe making the nosecone from a plastic wine glass making a piston that ejects the parachute without scorching it making an electromechanical apogee detector making the nozzle with cement and a steel washer making the fuel from ordinary sugar you can do it with this book anyone can construct a high quality rocket capable of reaching four hundred miles per hour and attaining an altitude of six thousand feet without a machine shop or even special tools free bonus chapters including making the launch rail making the ignition controller and launching the rocket multiple times are available online in this easy to understand guide you ll find step by step instructions to building the perfect rocket without injuring yourself or your wallet i still have all my fingers is the rocket building bible amateur rocket enthusiasts have been waiting for dan pollino s rockets have been featured on g4 tv s it s effin science his website inverseengineering.com focuses on amateur rocketry in california

blast off discover the history of rockets and their impact on the future

twenty five times faster than the speed of sound rockets are high speed space delivery machines every week at least one rocket launches into space from somewhere in the world this title will boost the knowledge of reluctant readers as it breaks down space rockets this title includes fun facts sidebars captioned photos labels and profile spreads that offer technical specs about space machines

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