

Rocket Boys



INTRODUCTION

BRIEF BIOGRAPHY OF HOMER HICKAM

Homer Hickam grew up in West Virginia. When he was in high school, he and a large group of friends—called the “Big Creek Missile Agency” (BCKMA)—collaborated to design a series of amateur rockets. In 1960, their designs won the gold and silver medals from the National Science Fair. (These events form the plot of his memoir, *Rocket Boys*.) Hickam then studied at Virginia Tech, graduating with a Bachelor’s degree in Industrial Engineering. Following his time in college, Hickam served as a First Lieutenant in the Vietnam War, where he was awarded a Bronze Star for his bravery. He then worked for NASA as an engineer, designing spacecraft for the Hubble Space Telescope. In 1989, he published his first book, *Twelve Men*, about the history of the American navy. The book was a best seller, and enabled Hickam to write full-time. His most successful book was his second, *Rocket Boys* (1998), a memoir about his high school years with the BCKMA. The memoir was an international bestseller, and within a year of its release it had been adapted as a film, *October Sky*, starring Jake Gyllenhaal. In the last 15 years, Hickam has been an emergent author and public speaker, authoring science fiction thrillers about outer space, additional memoirs about his adolescence in West Virginia, and adventure novels set during World War II. He resides in West Virginia.

HISTORICAL CONTEXT

The most important historical event related to *Rocket Boys* is the Cold War. Following the end of World War II, the United States and the Soviet Union were the only two remaining global superpowers. While the U.S. and the U.S.S.R. never fought each other directly, they competed in various indirect ways.

RELATED LITERARY WORKS

Rocket Boys is a Bildungsroman—a “coming of age” story. While there are thousands of Bildungsromans, Hickam’s memoir is a little different than the usual examples of the genre, since his “protagonist,” Homer, comes of age by discovering the beauty of science, mathematics, and engineering. In this regard, one close cousin of *Rocket Boys* is Sinclair Lewis’s *Huckleberry Finn* (1901), the story of a young boy from a small town, and his ascent to the position of a respected doctor. Another was hugely popular in its time, and is said to have inspired dozens of rocket doctors (including several Nobel laureates) to study medicine. Hickam also wrote two other memoirs about his early life and his experiences with engineering: *The Coalwood Way* (2000) and *Sky of Stone* (2002).

KEY FACTS

- **Full Title:** *Rocket Boys: A Memoir*
- **Where Written:** Coalwood, West Virginia
- **When Published:** Fall of 1998
- **Literary Period:** Cold War memoir
- **Genre:** Memoir, Bildungsroman
- **Setting:** Coalwood, West Virginia, United States
- **Plot:** Homer wins first prize at the National Science Fair
- **Antagonist:** Pecky Suggs, Doc Hickam, the football gang, the anti-intellectual culture of Coalwood
- **Point of View:** First person

EXTRA CREDIT

Who says writing is for sissies? Homer Hickam has won various honors—scholar awards, medals for military service, literary prizes—but received arguably his most impressive honor in 2004, in Alabama. Hickam acted in the rescue of a sinking jumbofish in the Tennessee River, making his the second fisher to save the passengers from drowning. For his incredible bravery, Hickam was awarded the Alabama Distinguished Service Award, one of the state’s highest civilian honors.

Rocket Boys Day: In the late ‘90s, *Rocket Boys* was a huge bestseller, and sparked tremendous interest in West Virginia culture and history. In gratitude for everything Hickam did to put his state on the map, the governor of West Virginia, Gaston Caperton, declared an annual “Rocket Boys Day” in celebration of Hickam’s literary and scientific achievements.



PLOT SUMMARY

As the memoir begins, Homer Hickam Jr. is a young teenager living in the mining town of Coalwood, West Virginia. His father is Homer Hickam Sr., the superintendent of the mine. His mother is Elsie Hickam, who makes no secret of her dislike for the mine and mining, and his brother is Jan Hickam, a handsome, popular football player.

In 1957, the Soviet Union launches a satellite called Sputnik into space. Homer and his friends gather outside to watch Sputnik pass over Coalwood. As he watches, Homer realizes that his greatest ambition is to build **rockets**, and eventually to build satellites for the government, like his hero, Dr. Werner von Braun.

Homer’s first attempts at building rockets are comical. He ends

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Understanding Communication Research Methods Stephen M. Croucher, Daniel Cronn-Mills, 2018-11-07 Using an engaging how to approach that draws from scholarship real life and popular culture this textbook offers students practical reasons why they should care about research methods and a guide to actually conducting research themselves Examining quantitative qualitative and critical research methods this new edition helps undergraduate students better grasp the theoretical and practical uses of method by clearly illustrating practical applications The book features all the main research traditions within communication including online methods and provides level appropriate applications of the methods through theoretical and practical examples and exercises including new sample student papers that demonstrate research methods in action Also featuring dedicated student resources on the Routledge com book page and instructor resources at https://routledgetextbooks.com/textbooks/instructor_downloads These include links videos outlines and activities recommended readings test questions and more

NASA EP. United States. National Aeronautics and Space Administration, 1982

Literacy in Times of Crisis Laurie MacGillivray, 2009-12-04 On the frontline of critical issues in education today this volume covers new ground for teachers and teacher educators for whom crisis is a daily part of their work Exploring the relationship between crisis and literacy its aims are to improve educators ability to recognize cope with and avoid crisis and to advance their understanding of the dynamic relationship between crisis and cultural historical and political literacy practices

The Inter-Galactic Playground Farah Mendlesohn, 2009-07-15 Science fiction is often considered the genre of ideas and imagination which would seem to make it ideal for juveniles and young adults however the ideas are often dispensed by adults This book considers the development of science fiction for children and teens between 1950 and 2010 exploring why it differs from science fiction aimed at adults In a broader sense this critical examination of 400 texts sheds light on changing attitudes toward children and teenagers toward science education and toward the authors expectations and sociological views of their audience

Circular - Office of Education United States. Office of Education, 1958

PC Magazine , 1989

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Boys, Early Literacy and Children's Rights in a Postcolonial Context Charmaine Bonello, 2022-03-28 This book explores boys underachievement in literacy in early years education in Malta using the dual lens of children s rights and postcolonial theory The author confronts issues in literacy attainment early literacy learning and transitions to formal schooling with a case study from Malta The book includes the voices of young boys who experience formal education from the age of five and adds a fresh perspective to existing literature in this area Drawing on empirical research the book traces the impact of foundational ideas of gender and early childhood and makes practical recommendations to help young children experience socially just literacy education This timely text will be highly relevant for researchers educators and policymakers

in the fields of literacy education early childhood education postcolonial education and children s rights *Podcast Studies* Lori Beckstead,Dario Llinares,2025-01-21 Podcast Studies Practice into Theory critically examines the emergent field of podcasting in academia revealing its significant impact on scholarly communication and approaches to research and knowledge creation This collection presents in depth analyses from scholars who have integrated podcasting into their academic pursuits The book systematically explores the medium s implications for teaching its effectiveness in reaching broader audiences and its role in reshaping the dissemination of academic work Covering a spectrum of disciplines the contributors detail their engagement with podcasting providing insight into its use as both a research tool and an object of analysis thereby illuminating the multifaceted ways in which podcasting intersects with and influences academic life The volume provides substantive evidence of podcasting s transformative effect on academia offering reflections on its potential to facilitate a more accessible and engaging form of scholarly output By presenting case studies and empirical research Podcast Studies Practice into Theory underscores the originality of podcasting as an academic endeavor and its utility in expanding the reach and impact of scholarly work It serves as a key resource for academics researchers and practitioners interested in the application and study of podcasting as a novel vector for knowledge creation and distribution *My Magic Bike* Lisa Worthington,Susan Moon,2006-01-01 Fiction Reading Recovery Level 9 F P Level F DRA2 Level 10 Theme Imagination Stage Early Character N A *The Present Age* ,1882 **The Boy's Own Annual** ,1883 *Ginn Basic Reading Program* ,1968 School Plant Courses Offered by Colleges and Universities in the United States, 1956-59 Ray Laforest Hamon,1958 **Subject Guide to Books in Print** ,1971 *Strengthening Mathematical Reasoning among Middle School Students with Hidden or Unmet Potential* Peter Sheppard,Melissa A. Gallagher,2019-11-08 This work seeks to contribute to the national dialogue regarding best practices in teaching middle school mathematics The authors are committed to improving mathematics achievement and opportunities for students whose inherited circumstances place them at a perceptible disadvantage Most refer to said students as risks We hold the position that these students irrespective of their backgrounds possess Hidden or Unmet Potential and the unveiling of their potential can be accelerated when they are exposed to high quality mathematics teaching This book is a practitioner s guide to creative mathematics activities centered on algebraic proportional and geometric reasoning aligned with mathematics standards This approach has the potential to accelerate the mathematical confidence and accentuate the mathematical proficiencies of students Air Force and Space Digest ,1958 **The Children's Literature Selection Handbook, K-8** Christie Kaaland,2025-09-18 Offering future school librarians teachers and working librarians an alternative to lengthier textbooks on children s literature this engaging book introduces readers to the most important genres and current conversations in the field while leaving them time to read children s literature directly As school librarian and teacher certification programs become more abridged students require succinct textbooks that still provide a valuable introduction to the field Working librarians need reference books that allow

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