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Rocketry: Investigate the Science and Technology of Rockets and Ballistics (Hardback)

By Carla Mooney

Nomad Press, United States, 2014. Hardback. Book Condition: New. Caitlin Denham (illustrator). 254 x 204 mm. Language: English . Brand New Book. Rocketry: Investigate the Science and Technology of Rockets and Ballistics introduces students to the fascinating world of rocketry and ballistics. Readers discover the history of rocket development, from the earliest fire arrows in China to modern-day space shuttles, as well as the main concepts of rocketry, including how rockets are launched, move through the atmosphere, and return to earth safely. Exploring the science behind rocket flight, kids learn how the forces of thrust, gravity, lift, and drag interact to determine a rocket's path, then imagine new uses and technologies in rocketry that are being developed today and for the future. Combining hands-on activities with physics, chemistry, and mathematics, Rocketry brings fun to learning about the world of rocket science. Entertaining illustrations and fascinating sidebars illuminate the topic, while Words to Know highlighted and defined within the text reinforce new vocabulary. Projects include building a pneumatic blast rocket and launcher, testing a rocket recovery system, and designing a rocket model of the future. Additional materials include a glossary, and a list of current reference works, websites, and Internet...



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