



Adventures in Rocket Science (Paperback)

By National Aeronautics and Administration

Createspace, United States, 2013. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.The excitement and thrill from experiencing the launch of rocket-powered vehicles ignites engagement and imagination in children as well as adults. Constructing and launching model rockets certainly provided a charge of excitement among a group of National Aeronautics and Space Administration (NASA) and higher education professionals as they planned an Exploration Systems Mission Directorate (ESMD) sponsored K-12 rocketry curriculum and mentor/coach workshop. This guide was prepared as a tool useful for informal education venues (4-H, Boys and Girls Clubs, Boy Scouts, Girl Scouts, etc.), science clubs and related programs, and can be adopted for formal education settings. An exciting and productive study in rocket science can be implemented using the selected activities for the above-mentioned settings. The guide's activities can be correlated to meet formal education's core curriculum objectives or used for ancillary enrichment and extension activities. The series of activities in this guide require basic, inexpensive materials. They demonstrate fundamental principles of rocket science. The activities were selected and organized around the target concepts of altitude, velocity and acceleration (i.e., height, distance and speed). The...



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