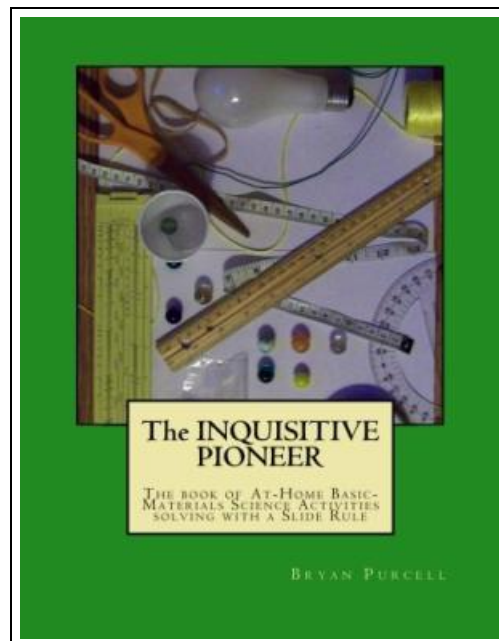


The Inquisitive Pioneer: The Book of At-Home Basic-Materials Science Activities Solving with a Slide Rule



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Reviews

Completely essential read publication. I am quite late in start reading this one, but better then never. You wont truly feel monotony at at any moment of your time (that's what catalogs are for regarding should you question me).

(Nels Runte IV)

THE INQUISITIVE PIONEER: THE BOOK OF AT-HOME BASIC-MATERIALS SCIENCE ACTIVITIES SOLVING WITH A SLIDE RULE



Inquisitive Pioneer, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.This is a book for thinkers, students, teachers, and parents who love science and math in the form of activities only using common and basic items. For example you can measure the energy of the sun with a cup of water, a thermometer, and a watch. Each activity gives the purpose, the materials list, the procedure, the data tables, the formulae, and the conclusion to follow. One has to obtain the needed materials, if a student/child have permission and supervision, and a spirit of scientific curiosity to set forth on the adventure of science. All activities involve measurements and calculations to reach conclusions - which is the heart of the scientific method in practice. The range of activities spans most of physics, but looks at chemistry, astronomy, and several types of math too. The slide rule is encouraged (and a paper template one is supplied) to do the math with plenty of directions on its use and why it should be used to teach numeracy skills today. To take this quest one has to be the scientist, the researcher, the experimenter, the mathematician - in sum be the inquisitive pioneer. Table of Contents Ch.I Why bring the Slide Rule back to the Classroom today? Ch.II Basic Data Analysis with a Slide Rule Ch.III . history of the Slide Rule Ch.IV How to Use a Slide Rule Ch.V Gauge Marks and Scales . Activity 1: Using Math (and the Slide Rule) in Everyday Life Activity 2: . - Proportions Activity 3: Calculating Cost of Water Usage at Home Activity 4: Calculating Cost of Electricity Usage at Home Activity 5: Some Indirect Measures determined Activity 6: Finding...



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