



Hammer, Nail, Screw The Science of Home Construction Data and Graphs for Science Lab Volume 1

By M. Schottenbauer

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 66 pages. Dimensions: 11.0in. x 8.5in. x 0.1in. Learn about the Physics of Home Construction! Force, Stress, and Breakage Tests on Wood! In this book, readers gain access to real scientific data pertaining to the science of home construction, promoting graph-reading, comparison, contrast, and calculation skills. Graphs show data from the following scientific instrument: Dual-Range Force Sensor This book allows readers to analyze real data without purchasing expensive lab equipment. Graphs show data from multiple tests of force and stress on model-size building materials including balsa wood and plywood. In this book, beams and plywood are tested for breakage, the strength of several glues are compared, several models of roof trusses are compared for strength, and blocks are pushed on a wood surface. These data can be used for lesson plans by teachers and parents. Bonus Material: Diagrams of trusses and pictures of broken beams and trusses provide additional material for analysis. This item ships from La Vergne, TN. Paperback.



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