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## Choo Choo Chugga, Chugga, Chugga the Science of Trains: Data Graphs for Science Lab: Volume 2

By M. Schottenbauer

Createspace. Paperback. Book Condition: New. This item is printed on demand. Paperback. 64 pages. Dimensions: 11.0in. x 8.5in. x 0.2in. Learn about the Physics of Trains! Motion, Acceleration, and Velocity! Electricity and Magnetism! In this book, readers gain access to real scientific data pertaining to the science of trains, promoting graph-reading, comparison, contrast, and calculation skills. Graphs show data from the following scientific instruments: Watts Up Pro Sensor Magnetic Field Sensor Voltage Meter Video Analysis This book allows readers to analyze real data without purchasing expensive lab equipment. These data from an electric train moving on flat and inclined tracks. Graphs show data of Watts, including usage at minimum and maximum velocity and variations due to number of cars and length of track. Additional analyses examine the magnetic field and voltage of the electric track, comparing it to other phenomena. Basic analyses of movement, velocity, and acceleration are also included, based on video analysis techniques. These graphs can be used for lesson plans by teachers and parents. This item ships from La Vergne, TN. Paperback.



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