EMPower Mathematics

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Summary

EMPower is designed to give adult learners and out-of-school youth mathematics skills for daily life. Developed and field tested by the Education Research Collaborative at TERC with support from the National Science Foundation, *EMPower*combines insights from educational research and classroom practice. This comprehensive curriculum works in adult and workplace education, alternative high schools, correctional settings, and GED/high school equivalency programs. Students who need help transitioning to college also benefit from *EMPower's* dynamic approach.

Rather than focusing on memorizing formulas, students develop useful mathematics skills through engaging exercises that relate to their lives. They investigate concepts, work collaboratively, share ideas orally and in writing, and discover multiple ways to solve problems. The full curriculum comprises eight non-sequential units emphasizing whole numbers, fractions, decimals, percents, proportions, geometry and measurement, algebra, and data and graphs.

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