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Cover picture: Working independently at their own pace, seventh graders build batteries, measure forces, and experiment with friction in a new science instructional system that enables students to work out answers for themselves. The National Center for Educational Research and Development of HEW's Office of Education has invested nearly \$1.7 million in the system developed by the Intermediate Science Curriculum Study based at Florida State University. To date, about 700 teachers have been trained to work with the programs, principally through conferences conducted by persons thoroughly familiar with the course.