Description:

Making connections becomes increasingly important as students proceed through middle school and high school. This book shows ways of embedding connective processes in instruction in grades 9-12. Problems invite mathematical modeling, unify diverse content, call for different representations, and encourage students to look back at their work to find connections. Activities feature such tasks as determining a dosage schedule for a prescription drug, making transit graphs to maximize travel through a canal, and deciding when to accept a double dare in a simple game. The supplemental CD-ROM features interactive electronic activities, master copies of activity pages for students, and additional readings for teachers.