



## Constructing Algebra

By Catherine Twomey Fosnot, William Jacob

Heinemann Educational Books, United States, 2010. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. The first three volumes of this popular series help teachers support children's development in number sense and operation, from addition and subtraction through fractions, decimals, and percents. Catherine Twomey Fosnot and Maarten Dolk's signature approach uses classroom vignettes to illustrate the investigations and minilessons students engage in as they build their mathematical knowledge. The hallmarks of their approach include: Supporting children as they construct mathematical strategies and big ideas Creating realistic contexts and representational models that develop children's capacity to mathematize their world Building a collaborative community of mathematical thinkers engaged in inquiry For the fourth volume Catherine teams up with Bill Jacob to offer a comfortably familiar and characteristically rich extension to the earlier work. In Constructing Algebra Catherine and Bill provide a landscape of learning that helps teachers recognize, support, and celebrate their students' capacity to structure their worlds algebraically. They identify for teachers the models, contexts, and landmarks that facilitate algebraic thinking in young students. This volume will be a welcome resource for classroom teachers, math supervisors, and curriculum coordinators alike. Preparing young children...

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