

The Common Core Mathematics Companion: The Standards Decoded, Grades 3-5: What They Say, What They Mean, How to Teach Them (Corwin Mathematics Series)

By Linda M. Gojak, Ruth Harbin Miles



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This book is modeled after Jim Burke's successful Common Core Companion Series. It is the second of two books (K-2, 3-5) in the series. The book will include a clear explanation of the mathematics within each domain, cluster, and standard and suggested grade level appropriate visual models and representations. It is a book for math teachers who may or may not be math specialists. As teachers plan and develop their curriculum, this book will help them determine important mathematics in a cluster and how that mathematics connects from one grade to the next as well as within a grade.

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Editorial Review

Review

"This practical, exemplary resource provides teachers support in their understanding and learning of the Common Core Mathematics Standards. The book does an excellent job of unpacking what the Standards mean and makes explicit connections both to the Standards for Mathematical Practice and common student misconceptions. It is an ideal choice for a book study at either the grade or school level."--Jeffrey Shih, Associate Professor

"This book is a must go-to for classroom teachers and coaches and leaders who support teachers in implementation of the Common Core Mathematics Standards. Connecting the Common Core Mathematics Standards (both content standards and practice standards) together with the effective teaching practices (Principles to Actions, NCTM, 2014), the authors provide the practical resources to support teachers in deepening their understanding of the mathematics in the Standards in ways that will enable them to bring these Standards alive for all students. It is a book that will be the cornerstone of our professional development."--Cathy Martin, Director of PreK-12 Mathematics

"This companion supports implementation of the Common Core Mathematics Standards with attention to the instructional shifts: focus, coherence, and rigor. The standard-by-standard examples provide an image of what the standards looks like in the classroom for both teachers and students. The attention to students' conceptions helps teachers plan with student thinking in mind and contributes to the collaborative work of grade-level teams."--Nicole Rigelman, Associate Professor

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About the Author

Winner of the Presidential Award for Excellence in Science and Mathematics Teaching, **Linda M. Gojak** directed the Center for Mathematics and Science Education, Teaching, and Technology (CMSETT) at John Carroll University for 16 years. She has spent 28 years teaching elementary and middle school mathematics, and has served as the president of the National Council of Teachers of Mathematics (NCTM), the National Council of Supervisors of Mathematics (NCSM), and the Ohio Council of Teachers of Mathematics.

Ruth Harbin Miles coaches rural, suburban, and inner-city school mathematics teachers. Her professional experiences include coordinating the K-12 Mathematics Teaching and Learning Program for the Olathe, Kansas, Public Schools for more than 25 years; teaching mathematics methods courses at Virginia's Mary Baldwin College; and serving on the Board of Directors for the National Council of Teachers of Mathematics, the National Council of Supervisors of Mathematics, and both the Virginia Council of Teachers of Mathematics and the Kansas Association of Teachers of Mathematics. Ruth is a co-author of five Corwin books including *A Guide to Mathematics Coaching*, *A Guide to Mathematics Leadership*, *Visible Thinking in the K-8 Mathematics Classroom*, *The Common Core Mathematics Standards*, and *Realizing Rigor in the Mathematics Classroom*. As co-owner of Happy Mountain Learning, Ruth specializes in developing teachers' content knowledge and strategies for engaging students to achieve high standards in mathematics.

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