



# **The Common Core Mathematics Companion: The Standards Decoded, Grades 6-8: What They Say, What They Mean, How to Teach Them (Corwin Mathematics Series)**

*Ruth Harbin Miles, Lois A. Williams*

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*"The Common Core Mathematics Companion 6-8 offers a practical guide for implementing the CCSS Math Standards. Teachers will appreciate the misconception alerts and ideas for differentiation."*

— Jay McTighe, Author and Consultant

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In the short time since *The Common Core Mathematics Companions, Grades K-2 and 3-5* burst on the scene, they have been lauded as the best resources for making critical math ideas easy to teach. With this brand-new 6-8 volume, middle school math success is at your fingertips.

Page by page, the authors lay out the pieces to a cutting-edge curriculum, helping you to:


- Get the inside scoop on which standards connect, what key vocabulary means, and time-saving tables showing where to focus instruction for each grade
- Write curriculum for: ratios and proportional relationships, the number system, expressions and equations, functions, geometry, and statistics & probability
- Use the What to Teach pages to deliver powerful standards-based lessons
- Learn effective techniques to create an environment where all students can experience math break-throughs
- Incorporate the Standards for Mathematical Practice to improve students' ability to problem solve, construct viable arguments, use tools strategically, attend to precision, and more

*The Common Core Mathematics Companion, Grades 6–8* has what every middle school needs to provide students with the foundation for the concepts and skills they will be expected to know in grade 9–12.

**Ruth Harbin Miles** is a mathematics coach, with special expertise in developing teachers' content knowledge and strategies for engaging students to achieve high mathematics standards. A serving member on the Board of Directors for the National Council of Teachers of Mathematics and the National Council of Supervisors of Mathematics, Ruth is a co-author with Linda Gojak of *The Common Core Mathematics Companions, K–2 and 3–5* (Corwin).

**Lois Williams, Ed.D.**, who taught mathematics in grades K–8 for 20 years, is currently an adjunct professor at Mary Baldwin College and an International Fellow with the Charles A. Dana Center, training teachers in the College and Career Readiness Standards. She has been honored with a Fulbright Teacher Exchange and the Virginia Middle School Mathematics Teacher of the Year award.

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