

Unveiling the Secrets of Teaching Mathematics: What They Say, What They Mean - Corwin Mathematics Series

Are you an educator struggling to engage your students in learning mathematics? Do you often find it challenging to decode the thought processes behind their statements? Look no further! The Corwin Mathematics Series brings you an innovative approach to teaching mathematics, aimed at revealing the hidden meanings behind students' words and helping you effectively teach them.

In this article, we will explore the intricacies of understanding what students say and what they truly mean when it comes to mathematics. With the Corwin Mathematics Series as our guide, we will unravel the mysteries of student communication and empower you to become a more effective math teacher.

The Importance of Understanding What They Say

Students often express their thoughts about mathematics in ways that may seem nonchalant or ambiguous. As educators, it is crucial for us to dig deeper into their statements and uncover the underlying misconceptions or gaps in knowledge. By truly understanding what our students say, we can tailor our teaching methods to address their specific needs and enhance their learning experience.



The Common Core Mathematics Companion: The Standards Decoded, Grades K-2: What They Say, What They Mean, How to Teach Them (Corwin Mathematics Series)

by Kimberly Godwin Clark(1st Edition, Kindle Edition)

★★★★☆ 4.7 out of 5

Language : English

File size : 8089 KB
Screen Reader : Supported
Print length : 256 pages
Item Weight : 14.1 ounces



The Corwin Mathematics Series provides valuable insights into the common language barriers and challenges faced by both teachers and students. It equips educators with effective strategies to decode student statements and bridge the communication gap that often hinders mathematical understanding.

Unveiling the Hidden Meanings

When students make statements such as "I don't get it" or "This is too hard," they may be expressing deeper frustrations or struggles with specific mathematical concepts. The Corwin Mathematics Series offers practical techniques to decipher these statements and uncover what students truly mean.

For example, when a student says "I don't get it," it could mean various things, such as:

- They lack clarity on the steps to solve a problem.
- They struggle with understanding the underlying mathematical concepts.
- They face difficulty in relating mathematics to real-life scenarios.

By using the strategies presented in the Corwin Mathematics Series, teachers can determine the precise meaning behind these statements and provide targeted support to address the root cause of the student's confusion.

How To Teach Them Effectively

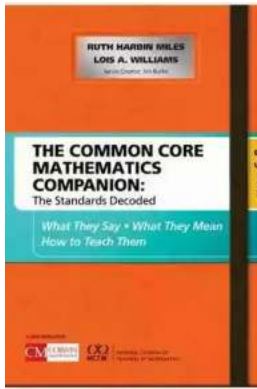
Now that we understand the importance of decoding student statements and unveiling their true meanings, it's time to explore how we can teach them mathematics more effectively. The Corwin Mathematics Series introduces practical strategies and classroom activities that can be integrated seamlessly into your teaching curriculum.

One key aspect highlighted by the series is the incorporation of real-life examples and scenarios to make mathematical concepts more relatable to students. By showing them the practical applications of mathematics in their everyday lives, students are more likely to grasp complex concepts and develop a deeper understanding of the subject.

Moreover, the series emphasizes the importance of providing differentiated instruction to meet the individual needs of students. By recognizing that every student learns differently, educators can tailor their teaching methods to accommodate various learning styles, ensuring that each student receives the support, guidance, and resources necessary to succeed in mathematics.

The Corwin Mathematics Series proves to be an invaluable resource for educators seeking to uncover the hidden meanings behind student statements and enhance their teaching effectiveness. By understanding what students say and what they truly mean, teachers can address specific misconceptions and equip students with the knowledge and skills necessary for mathematical success.

Unlock the secrets of teaching mathematics by diving into the Corwin Mathematics Series, and witness the transformation in your students' engagement and understanding. Together, let's revolutionize the way mathematics is taught and ensure that every student receives the support they need to excel in this critical subject!



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Your user's guide to the mathematics standards

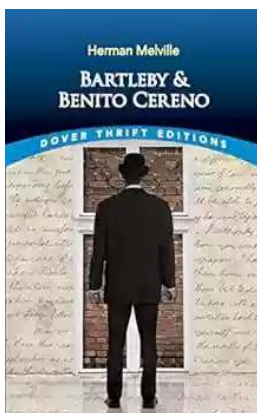
In the 12 short months since the ELA versions of The Common Core Companions, Grades K-2 and 3-5, burst on the scene, they've already assisted tens of thousands of teachers with the day-to-day "what you do." Teachers' one big criticism: what about mathematics? Luckily NCTM past-president Linda Gojak and mathematics coach Ruth Harbin Miles stepped up to the task. The result? That version of the mathematics standards you wish you had.

Page by page, The Common Core Mathematics Companions clearly lay out:

- The mathematics embedded in each standard for a deeper understanding of the content
- Examples of what effective teaching and learning look like in the classroom

- Connected standards within each domain so teachers can better appreciate how they relate
- Priorities within clusters so teachers know where to focus their time
- The three components of rigor: conceptual understanding, procedural skills, and applications
- Vocabulary and suggested materials for each grade-level band with explicit connections to the standards
- Common student misconceptions around key mathematical ideas with ways to address them

Don't spend another minute poring over the mathematics standards. Gojak and Miles have already done the heavy-lifting for you. Focus instead on how to teach them, using The Common Core Mathematics Companion as your one-stop guide for teaching, planning, assessing, collaborating, and designing powerful mathematics curriculum.



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