

Teaching Mathematics In The Visible Learning Classroom Grades Corwin Mathematics - The Ultimate Guide!

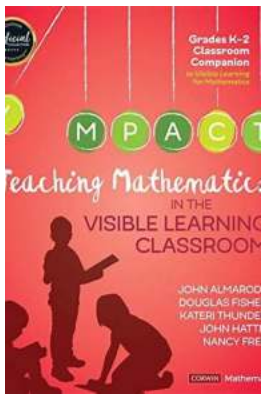
Teaching mathematics can be a daunting task, especially in a visible learning classroom. However, with the right strategies and resources from Corwin Mathematics, you can create an engaging and effective math learning environment for your students. In this ultimate guide, we will walk you through the process of teaching mathematics in the visible learning classroom, starting from the basics and progressing to advanced techniques. So, let's dive in!

Understanding the Visible Learning Classroom

In the visible learning classroom, the focus is on transparent and explicit teaching practices. It emphasizes the importance of making learning goals and success criteria visible to students, as well as providing continuous feedback and creating a culture of high expectations. When it comes to teaching mathematics in this context, these principles become even more crucial.

The Role of Teacher

In the visible learning classroom, the teacher plays a crucial role as the facilitator of learning. When teaching mathematics, the teacher should be knowledgeable in the subject matter and know how to guide students through the problem-solving process. The teacher should also provide timely and specific feedback, allowing students to make progress and improve their understanding of mathematical concepts.



Teaching Mathematics in the Visible Learning Classroom, Grades K-2 (Corwin Mathematics Series) by Douglas Fisher (1st Edition, Kindle Edition)

★★★★☆ 4.5 out of 5

Language : English
File size : 14077 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Word Wise : Enabled
Screen Reader : Supported
Print length : 288 pages
X-Ray for textbooks : Enabled



Creating a Positive Learning Environment

A positive learning environment is essential for effective math teaching. Students should feel safe to take risks, ask questions, and make mistakes. The visible learning classroom encourages collaboration and group work, allowing students to learn from each other and develop a deeper understanding of mathematical concepts.

Implementing Visible Learning Strategies in Math Teaching

Now that we understand the basic principles of the visible learning classroom, let's explore some strategies you can use to teach mathematics effectively:

1. Set Clear Learning Goals

Before starting any math lesson, clearly communicate the learning goals to your students. This helps them understand what they are expected to learn and gives them a sense of purpose and direction in their learning journey. Display the

learning goals visibly in the classroom, so students can refer to them throughout the lesson.

2. Use Concrete Manipulatives

Concrete manipulatives, such as blocks, counters, or number lines, can make abstract mathematical concepts more tangible and accessible to students. Incorporate hands-on activities using these manipulatives to help students understand and internalize mathematical concepts.

3. Provide Opportunities for Practice and Feedback

Mathematics is a subject that requires practice to master. Provide ample opportunities for students to practice their mathematical skills and provide timely feedback. Feedback should be specific and focused on helping students understand their mistakes and improve their problem-solving abilities.

4. Encourage Student Collaboration

Collaboration allows students to learn from each other and develop a deeper understanding of mathematical concepts. Assign group work and collaborative problem-solving activities where students can work together to solve complex mathematical problems. This also promotes a positive learning environment and fosters the development of critical thinking skills.

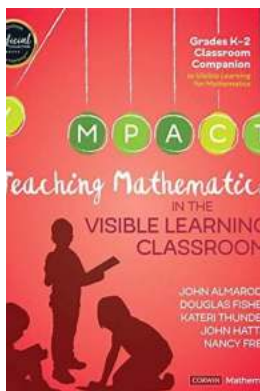
5. Use Technology as a Learning Tool

Incorporate technology, such as interactive online resources or educational apps, to enhance math instruction. Technology can provide personalized learning experiences, interactive simulations, and immediate feedback. It can also make math learning more engaging and enjoyable for students.

Resources from Corwin Mathematics

Corwin Mathematics offers a wide range of resources and materials to support math teaching in the visible learning classroom. Their curriculum materials align with the principles of visible learning and provide teachers with ready-to-use lesson plans, worksheets, assessments, and more. Additionally, Corwin Mathematics also offers professional development opportunities, allowing teachers to enhance their math teaching strategies.

Teaching mathematics in the visible learning classroom can be challenging, but with the right strategies and resources, it can also be incredibly rewarding. By implementing visible learning strategies, setting clear learning goals, using manipulatives, providing practice and feedback, encouraging collaboration, and utilizing technology, you can create a math learning environment that promotes student growth and success. So, embrace the principles of visible learning and become a master math teacher with the help of Corwin Mathematics!



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Select the right task, at the right time, for the right phase of learning

Young students come to elementary classrooms with different background knowledge, levels of readiness, and learning needs. What works best to help K–2 students develop the tools to become visible learners in mathematics? What works best for K–2 mathematics learning at the surface, deep, and transfer levels?

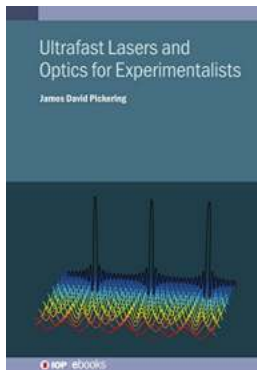
In this sequel to the megawatt bestseller *Visible Learning for Mathematics*, John Almarode, Douglas Fisher, Kateri Thunder, John Hattie, and Nancy Frey help you answer those questions by showing how Visible Learning strategies look in action in K–2 mathematics classrooms. Walk in the shoes of teachers as they mix and match the strategies, tasks, and assessments seminal to making conceptual understanding, procedural knowledge, and the application of mathematical concepts and thinking skills visible to young students as well as to you.

Using grade-leveled examples and a decision-making matrix, you'll learn to

- Articulate clear learning intentions and success criteria at surface, deep, and transfer levels
- Employ evidence to guide students along the path of becoming metacognitive and self-directed mathematics achievers
- Use formative assessments to track what students understand, what they don't, and why
- Select the right task for the conceptual, procedural, or application emphasis you want, ensuring the task is for the right phase of learning

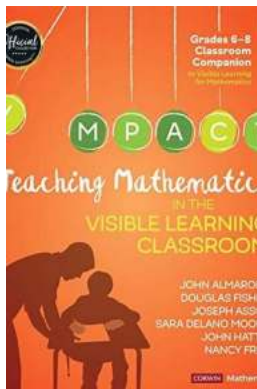
- Adjust the difficulty and complexity of any task to meet the needs of all learners

It's not only what works, but when. Exemplary lessons, video clips, and online resources help you leverage the most effective teaching practices at the most effective time to meet the surface, deep, and transfer learning needs of every K–2 student.



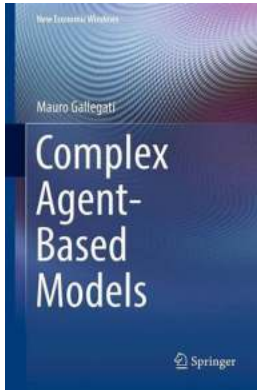
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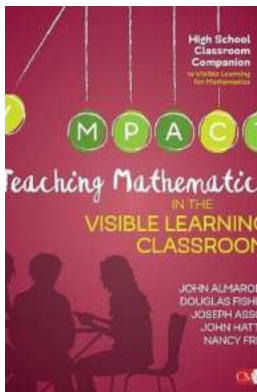
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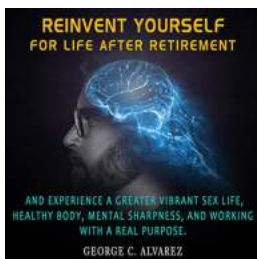
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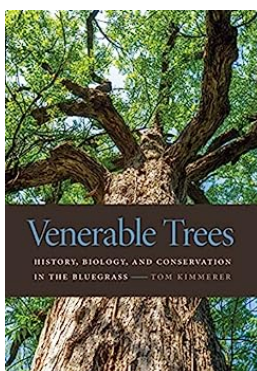
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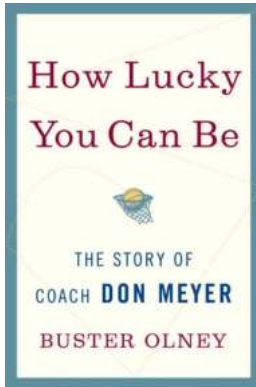
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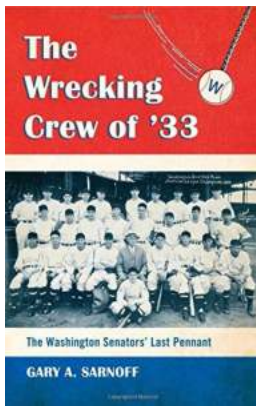
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