

Unlocking the Power of Visible Learning: Teaching Mathematics in the Classroom

Are you ready to revolutionize the way you teach mathematics? In this article, we will explore the power of Visible Learning in the classroom, specifically in the context of teaching mathematics to students in grades Corwin. With the right strategies and mindset, you can create a vibrant and engaging learning environment that enables your students to excel in mathematics and develop a lifelong love for the subject.

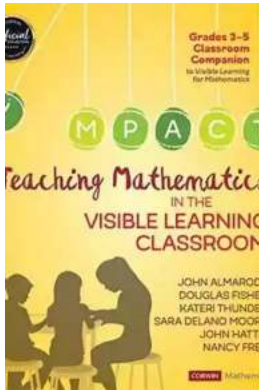
Understanding Visible Learning

Visible Learning is an evidence-based instructional approach developed by educational researcher John Hattie. It emphasizes the idea that the learning process should be made visible to students, enabling them to take ownership of their learning and make meaningful connections. In a Visible Learning classroom, teachers focus on enhancing student engagement, providing effective feedback, and creating a safe and supportive learning environment.

The Role of Visible Learning in Teaching Mathematics

Mathematics is often perceived as a challenging and abstract subject. However, with Visible Learning, you can make mathematics come alive for your students. By using concrete manipulatives, visual representations, and real-life examples, you can help your students understand complex mathematical concepts in a more tangible and relatable way.

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



Moreover, Visible Learning encourages collaborative learning and peer interactions. By actively engaging in discussions, working in groups, and solving problems together, students can learn from each other's perspectives and develop a deeper understanding of mathematical principles.

The Corwin Curriculum: Integrating Visible Learning in Math Instruction

The Corwin curriculum is designed to seamlessly incorporate Visible Learning strategies into math instruction for students in grades Corwin. It provides teachers with a comprehensive framework that promotes critical thinking, problem-solving skills, and mathematical fluency.

In the Corwin curriculum, teachers focus on creating a positive classroom culture that nurtures students' mathematical abilities. They use formative assessments to understand each student's strengths and areas of improvement, shaping their instructional practices accordingly. By providing timely and constructive feedback, teachers can guide students towards the right path and help them overcome their challenges in mathematics.

Furthermore, technology plays a crucial role in the Corwin curriculum. With the integration of educational apps, interactive whiteboards, and online resources, teachers can harness the power of digital tools to enhance students' engagement and motivation in mathematics.

Maximizing Learning Opportunities: Tips for Success

To make the most out of Visible Learning in your mathematics classroom, here are some practical tips:

1. Make Mathematics Relevant:

Connect mathematical concepts to real-life situations and everyday examples. This helps students understand the practical applications of mathematics and enhances their motivation to learn.

2. Encourage Collaboration:

Promote teamwork and collaboration among students. Group activities, peer tutoring, and cooperative learning strategies foster a sense of community and allow students to learn from each other.

3. Use Visual Representations:

Incorporate visual aids such as graphs, charts, and diagrams to illustrate mathematical concepts. Visual representations help students visualize abstract concepts and facilitate a deeper understanding.

4. Provide Immediate Feedback:

Offer timely and specific feedback to students. This allows them to correct misconceptions, make necessary adjustments, and consolidate their learning.

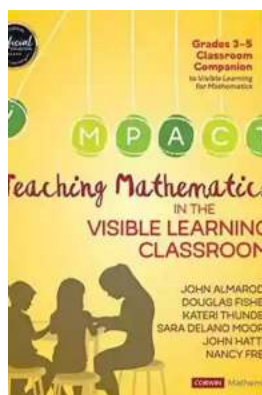
5. Embrace Technology:

Integrate technology tools and apps that support interactive learning experiences. This enhances student engagement and provides opportunities for personalized learning.

Visible Learning: Empowering Students to Excel

By implementing Visible Learning strategies in your mathematics classroom, you empower your students to become confident mathematicians. With the right combination of interactive activities, collaborative learning, and personalized instruction, you can create an environment that fosters deep mathematical understanding and promotes a growth mindset. Embrace Visible Learning and watch as your students thrive in the world of mathematics!

, teaching mathematics in the Visible Learning classroom for grades Corwin brings a new dimension to the learning experience. By leveraging Visible Learning strategies, teachers can unlock the true potential of their students and create a transformative learning environment. With a focus on engagement, feedback, collaboration, and relevant instruction, the possibilities for mathematical growth are boundless. So embrace Visible Learning and embark on a rewarding journey of teaching mathematics like never before!



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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?

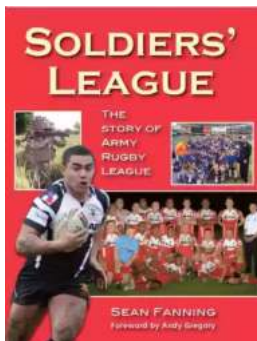
In this sequel to the megawatt bestseller *Visible Learning for Mathematics*, John Almarode, Douglas Fisher, Kateri Thunder, John Hattie, and Nancy Frey help you answer those questions by showing how Visible Learning strategies look in action in K–2 mathematics classrooms. Walk in the shoes of teachers 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

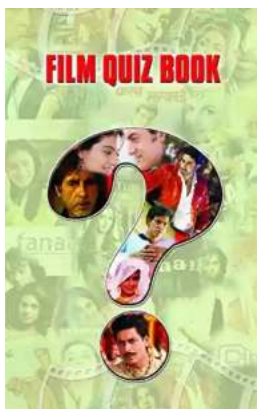
- Use formative assessments to track what students understand, what they don't, and why
- Select the right task for the conceptual, procedural, or application emphasis you want, ensuring the task is for the right phase of learning
- Adjust the difficulty and complexity of any task to meet the needs of 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.



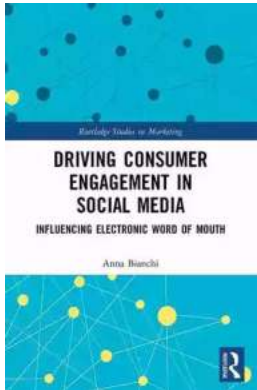
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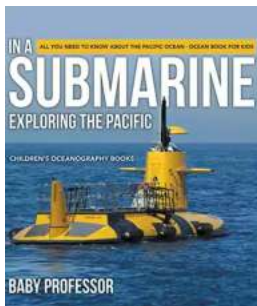
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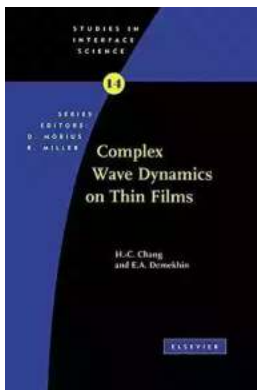
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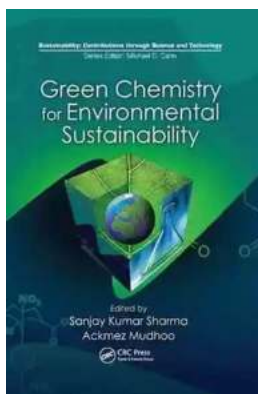
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