

# Navigating Middle Math

# Nance Educational Solutions

Hello, my name is Michelle. I am committed to seeing students become academically, socially-emotionally, and behaviorally successful. I understand what it is like to waste time investing in shiny new bullets and the never-ending cycle of initiatives without seeing student growth. I struggled with minimal gains for years. I recognized that over time, I had to do something different. I knew if I had not changed my teaching practices, students would continue in this vicious cycle, falling even further behind. I committed to helping 5th -8th-grade math teachers & administrators who feel frustrated, tired, and stuck become fired up and moving forward with immense student growth.



Michelle Nance, Founder & CEO

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# Making Results Happen!

LEARNING & COACHING THAT WORK

"EDUCATION is the most powerful weapon which you can use to CHANGE the WORLD." - Nelson Mandela

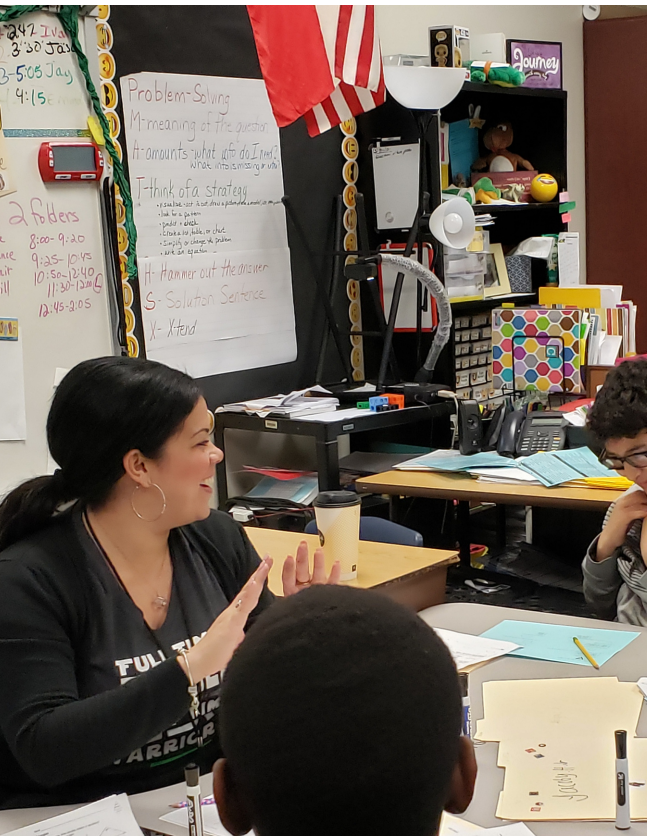
Based on years of research, coaching, and application High-Impact Math Method & 5-G coaching were developed, and proven to work.

## HIGH-IMPACT MATH MATH METHOD

- Navigating the Math Standards
- Stimulating Brain Power
- Executing High Impact Strategies
- Monitoring Student Thinking & Learning
- Reflecting & Adjusting

## 5-G COACHING MODEL...

- **GPS Gap** – Teachers will identify their personalized pathway to meet their stretch goal. I support teachers in attaining their goals.
- **Grasp the Vision** – Key components will be addressed, such as mindset, setting and achieving high expectations, and using success criteria to foster student success.
- **Gutsy Goal** – Each teacher will establish their stretch goal with actionable steps and measurable outcomes.
- **Grow** – Teachers will receive learning based on their identified goals. Teachers will attain mastery with practice, refinement, and feedback.
- **Glow** – Teachers will experience student success that has been achieved through their efforts. We will share their triumphs to spread the good news and expand success.





# Empowering & Inspiring Math Educators to Make Results Happen



## MATH TRAINING FOR TEACHERS IN GRADES 5-8

Michelle Nance brings evidence-based strategies to campuses and classrooms around the country. She is an expert in:

- **Evidence-Based Instructional Strategies:** Teachers learn instructional strategies that have a high impact on mathematics instruction and achievement.
- **Intermediate Math Content:** Teachers develop an understanding of mathematical concepts through the alignment of the strands.

## INSTRUCTIONAL COACHING

- **Coaching for Teachers of Struggling Learners:** Teachers receive in-real-time support on how to identify strategies and easily modify instruction to meet the needs of each and every student.
- **Peer Coaching with Action Research:** Teachers and teams learn how to effectively use action research and peer coaching to obtain gains in student learning.

## HEAR WHAT PEOPLE ARE SAYING...

- "The coaching I received from Michelle was very beneficial and helped breakthrough some troubles I had in the classroom. She helped make my year easier and smoother!"  
Megan S
- "Thanks for modeling some great strategies! I like "Hit the Pause" strategy to help students get it down, reflect, clarify, and correct." - Joni T.
- "Michelle cultivates the talents of teachers by working strategically to ensure they feel supported. She builds and expands their effectiveness by strengthening their instructional repertoire." Andrew
- "Michelle manages to make us feel prepared and appreciated. I constantly use her strategies while teaching. Her coaching helped me to no longer feel overwhelmed." - Rosa B



# High-Impact Math Method

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## Navigating the Math Standards

Knowing and understanding the standards, the vertical alignment of math concepts, and how they work together to lead to teacher clarity, leading to higher student achievement.

## Stimulating Brain Power

Using research on how the brain learns and the unique characteristics of adolescent development will generate learning with strong retention.

## Executing High-Impact Instructional Strategies

Using high-impact learning strategies, teachers guide and push students toward higher expectations and, using the relationship, steady student confidence and help students feel heard and understood.

## Monitoring Student Thinking & Learning

During this step, teachers gather and analyze student thinking and learning. They constantly respond to individual student needs with ease because **they have a toolkit of high-impact strategies** to lean on.

## Reflecting & Adjusting

Teachers are able to quickly assess misconceptions and understand exactly how to adjust plans to address that. In addition, they continually reflect on their practice and collaborate with peers.

**Your teachers walk into school each day excited for the lesson they've prepared with a research-based structure that they are certain will lead the students to success with the standards, no matter how rigorous.**



# Math Professional Learning

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## IN-PERSON OR VIRTUAL PROFESSIONAL LEARNING

### **Moving the Middle Math Learner**

Knowing and understanding the vertical alignment of math and the unique characteristics of adolescents enables you to combine concepts and skills to bridge the gap for struggling students.

### **Mindset – Motivating Students to Shift from I Can't, to Look at Me!**

Creating a classroom where every child is engaged to be a risk-taker and is motivated to participate in their learning.

### **Student Ownership - Flip the Switch: Getting Students to Own Their Learning**

Use learning strategies that encourage students to play active, not passive, roles in their learning, students take more ownership in not only what they learn but how they learn. Increasing student responsibility and participation to create student buy-in so that they are engaged in monitoring their learning.

### **Strategies – Insider Strategies that Flip the Switch for Struggling Students**

Discover proven practical strategies that greatly increase student learning and memory retention.

### **Equity - Creating A Community Where All Students Flourish as Mathematicians**

Creating an engaging equitable classroom where every child is engaged to be a risk-taker and motivated to participate in their learning.

## 5G COACHING MODEL

**Menu of Coaching:** Additional coaching can be added. The length and type of classroom observation and coaching may be customized to meet the needs of your campus and teachers.

**GPS Gap** – Teachers will identify their personalized pathway to meet their stretch goal. Teachers will be supported in attaining their goals.

**Grasp Vision** – Key components will be addressed such as mindset, how to set and achieve high expectations, using success criteria to foster student success.

**Gutsy Goal** – Each teacher will establish their stretch goal with actionable steps and measurable outcomes.

**Grow** – Teachers will attend training based on their identified goals. Mastery will be attained with practice, refinement, and feedback.

**Glow** – Teachers will experience student success that has been achieved through their efforts. We will share their triumphs to spread the good news and expand success.

### **Components of Coaching: Reflective Process**

- Support Team meetings in lesson planning
- Learning from student work using protocols
- Analyzing and using data from assessments
- Developing Deliberate Practice with Feedback Loops
- Virtual classroom walks- using technology virtual classroom walks with feedback sessions

## COACHING MENU

**Peer Coaching:** Working with teachers in small pods to develop peer coaching groups setting vision, actions steps, and reflective feedback toward student gains.

**GPS Coaching** – Pre-conferencing, Observations, and Post-Conferencing feedback focused on Goal Setting, Purposeful Practice, Sustainable Growth.

**Data Coaching** – Working with teams to disaggregate data to impact planning, implementation, and intervention to accelerate or extend learning creating epic gains.

**Action Research Teams** – Using the process of Action Research, teams will develop a plan to effectively identify data, best practices, action steps, monitoring, and reflective practice toward solutions.

**Co-Team Planning** – Work with SPED, LEP, 504, etc. teams to effectively co-plan and co-teach.

**Protocol Coaching** – Coaching that intentionally cultivates safety and trust between the members, with a focus on solving problems and accomplishing goals identified by teachers.

### **Components of Coaching: Reflective Process**

- Support Team meetings in lesson planning
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# A Better Way to Train & Empower Educators

FROM FRUSTRATED TO FIRED-UP

I would love to schedule a consultation session to answer any questions you may have. In addition, I look forward to sharing with you additional training and coaching on all things to help you navigate middle math!

I want your success,

*Michelle*



## RESULTS...

Teachers who work with Michelle feel more confident, effective, and motivated and thereby equipped to improve student learning and engagement.

## MICHELLE'S EXPERTISE ...

- Certified Coach
- Masters in Math Education and Leadership
- Certified in Crucial Conversations
- National School Reform Protocols Coach
- Brain-Based and Equity Trained
- Presenter at ASCD, NCTM, TASA, RIV, CAMT, UT Dana Center

## APPROACH...

Michelle's approach is coaching administrators, instructional coaches, and teachers to become passionate, effective team players. Using EVIDENCED-BASED brain research to ENGAGE and REJUVENATE staff and students to become PERSISTENT in pursuing and taking OWNERSHIP in their GUTSY GOALS of WHEN NOT IF. By INTENTIONALLY PLANNING and utilizing coaching techniques, teachers are successfully sustaining success. Get ready to watch as your teachers effectively implement rigorous standards and best practices to make NOTICEABLE IMPROVEMENTS and MOTIVATING MOVEMENTS at your campus.

**Let's do this together.**

**[Let's Talk \(click here\)](#)**

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