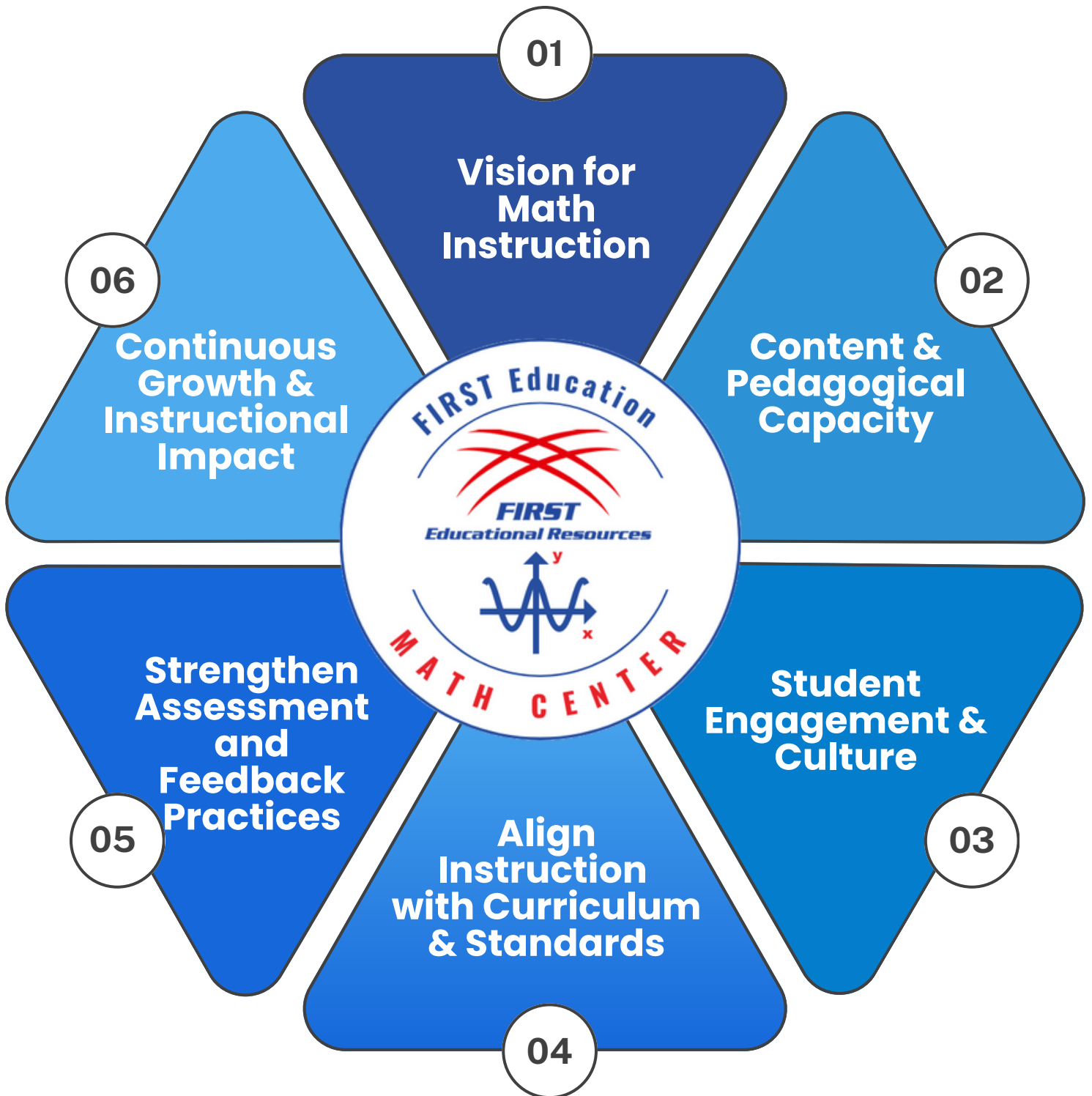


HIGHLY TRAINED MATH TEACHER



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Our certification program turns strong teachers into **math leaders** - step by step.

Start Your Journey!

1 VISION FOR MATH INSTRUCTION

SHARED VISION AND FOUNDATIONAL BELIEFS ABOUT EFFECTIVE MATH TEACHING

- 🕒 Establish a clear understanding of what it means to be a Highly Trained Math Teacher in your school or district.
- 📖 Use content expertise, pedagogical skills, and cultural competence as the foundation.
- 🤝 Create a steering committee of math educators, administrators, and stakeholders to tailor the vision to local needs.
- 🏆 Develop a district-wide HTMT Certification Program to recognize and incentivize highly trained math teachers.

2 CONTENT & PEDAGOGICAL CAPACITY

DEEP MATH UNDERSTANDING AND HIGH-IMPACT INSTRUCTIONAL STRATEGIES

Strengthen Content Knowledge

- 📖 Offer workshops and courses that strengthen math instruction by deepening content knowledge and instructional effectiveness
- 📋 Complete the requirements to earn your HTMT certification
- 🧠 Build a deep understanding of key mathematical concepts
- 🔍 Foster familiarity with advanced mathematical problem-solving and reasoning




Develop Pedagogical Expertise

- 🗣️ Develop proficiency in explaining complex concepts using a constructivist approach
- 📖 Implement inquiry-based and differentiated instructional strategies
- ⚠️ Identify and address student misconceptions
- 👩🏫 Create model classrooms or peer observation opportunities to share effective teaching practices






3 STUDENT ENGAGEMENT & CULTURE

SUPPORTIVE, INCLUSIVE CLASSROOMS THAT PROMOTE STUDENT AGENCY AND BELONGING

-  Provide professional learning on building supportive and inclusive environments
-  Foster a growth mindset and productive struggle in students
-  Promote active learning strategies and high student engagement




4 ALIGN INSTRUCTION WITH CURRICULUM AND STANDARDS

INTENTIONAL PLANNING THAT CONNECTS INSTRUCTION TO KEY STANDARDS AND OUTCOMES

-  Ensure use of state and/or national math standards
-  Design lessons that align with curriculum and promote conceptual understanding
-  Assess students to standards using effective tools and strategies






5 STRENGTHEN ASSESSMENT & FEEDBACK PRACTICES

MEANINGFUL ASSESSMENT PRACTICES THAT DRIVE LEARNING AND REFLECTION

-  Develop and use formative and summative assessments effectively
-  Analyze data to guide instruction and offer meaningful feedback
-  Help students reflect on learning and set improvement goals

6 CONTINUOUS GROWTH & INSTRUCTIONAL IMPACT

SUSTAINED PROFESSIONAL LEARNING AND INSTRUCTIONAL IMPROVEMENT THROUGH DATA AND COLLABORATION

-  Create a culture of continuous learning and collaboration
-  Engage in ongoing professional development and research
-  Apply culturally responsive and inclusive teaching strategies
-  Use tools like achievement and engagement data to measure effectiveness
-  Use feedback and data to refine instruction and improve outcomes

READY TO TAKE THE NEXT STEP?

Contact us today to discuss a customized plan for your educators and administrators.

