

HIGHLY TRAINED MATH TEACHER

EMPOWERING MATH TEACHERS TO INSPIRE AND EXCEL



DEFINE THE VISION

- ✓ **Define the Standard** – Clearly outline what it means to be a Highly Trained Math Teacher.
- ✓ **Build the Foundation** – Focus on content expertise, pedagogy, and cultural competence.
- ✓ **Collaborate** – Form a steering committee of educators, administrators, and stakeholders.
- ✓ **Recognize & Incentivize** – Develop a district-wide certification program to support and reward excellence.



CLASSROOM MANAGEMENT & ENGAGEMENT

- ✓ **Inclusive Learning Environments** – Provide professional development on building supportive & equitable classrooms.
- ✓ **Growth Mindset** – Equip teachers with strategies to help students develop confidence, resilience, and love for learning.
- ✓ **Promote Active Learning** – Implement hands-on, inquiry-based strategies that enhance student engagement.

BUILD TEACHER CAPACITY



Strengthen Content Knowledge

- ✓ **Engage in Ongoing Learning** - Participate in workshops on mathematical concepts, problem-solving strategies, and real-world applications.
- ✓ **Earn Certification** – Complete the requirements to achieve your Highly Trained Math Teacher certificate.
- ✓ **Deepen Understanding** – Master mathematical concepts across various topics and enhance problem-solving and reasoning skills.

Develop Pedagogical Expertise

- ✓ **Mathematical Proficiency** - Explain complex math concepts in engaging, accessible ways for all learners.
- ✓ **Implement Effective Strategies** – Use inquiry-based learning, collaborative problem-solving, and differentiated instruction.
- ✓ **Address Student Misconceptions** – Identify learning gaps and provide targeted support.
- ✓ **Foster Best Practices** – Create model classrooms or peer observation opportunities to showcase effective teaching.

TEACHING WITH PRECISION, INSPIRING WITH PASSION!



ALIGN INSTRUCTION WITH CURRICULUM & STANDARDS

- ✓ **Ensure Standards Alignment** – Equip teachers with knowledge of state and national math standards.
- ✓ **Enhance Lesson Design** – Guide teachers in creating lessons that align with curriculum goals and promote deep conceptual understanding.
- ✓ **Strengthen Assessment Practices** – Support teachers in using assessments to measure student progress against standards.

ASSESSMENT & FEEDBACK



- ✓ **Strengthen Assessment Practices** – Collaborate with teachers to develop and use both formative and summative assessments effectively.
- ✓ **Use Data to Drive Instruction** – Offer workshops on analyzing student data to guide teaching and provide meaningful feedback.
- ✓ **Support Student Reflection** – Equip educators with strategies to help students reflect on their learning and set goals for improvement.



COMMITMENT TO CONTINUOUS LEARNING

- ✓ **Create a Professional Learning Community** – Establish a structured PLC for math educators to share best practices and resources.
- ✓ **Ensure Continuous Growth** – Provide ongoing access to research, training, and workshops to keep educators up-to-date with best practices.
- ✓ **Promote Equity & Inclusion** – Offer training on culturally responsive teaching and equity-focused strategies to support diverse learners and close achievement gaps.



MEASURE PROGRESS AND EFFECTIVENESS

- ✓ **Structured system** - Assess teacher effectiveness and school progress.
- ✓ **Collect and analyze data** - Teacher growth, student achievement, and engagement levels.
- ✓ **Adjust and refine strategies** - Based on feedback from teachers and stakeholders make adjustments to the plan.



HTMT - LEARN MORE AND JOIN THE MOVEMENT!