

PIMSER Mathematics Teaching and Learning Profile

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What is a Mathematics Teaching and Learning Profile?

- › A comprehensive process of reviewing the school's mathematics instructional program by collecting and analyzing multiple sources of data and providing recommendations for improvement.
- › Areas of focus during profiling process
 - Curriculum
 - Instruction
 - Assessment
 - School Climate
 - Professional Environment
 - Organization, Financial and Material Resources
 - Leadership
 - Family & Community Support

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Sources of Data

- › Online questionnaires for teachers and principals
- › Classroom observations during math instruction
- › Onsite interviews with principal, teachers, students and parents
- › Curricular and instructional materials used at the school and in the classroom
- › Assessment data

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Results & Recommendations

- › Reviewers compile all sources of data to identify commonalities and trends
- › Reviewers use rubric to score indicators for each standard
- › Recommendations for improvement are provided for each standard
- › Principal receives final rubric/report with copies of online questionnaires and summaries of interviews/observations

All data is kept confidential; no teachers or individuals are singled out or identified

MTLP Standards

Standard 1 – Curriculum

The school develops and implements an effective, dynamic curriculum that is rigorous, intentional, articulated, integrated, and aligned to current standards.

Standard 2 – Instruction

The school's instructional program actively engages all students by employing effective, varied, and research-based practices to facilitate student learning at high levels.

Standard 3 – Assessment

The school utilizes multiple assessment strategies to continuously monitor and modify instruction to meet student learning needs and to evaluate student performance relative to the mathematics standards as they strive for proficiency.

Standard 4 – School Climate

The school functions as an effective community and supports a climate conducive to performance excellence.

Standard 5 – Professional Environment

The school/district provides research-based, results-driven professional learning opportunities for staff in order to improve teaching and learning of mathematics.

Standard 6 – Organization, Financial and Material Resources

The school/district develops, implements, and evaluates a comprehensive school improvement plan and other planning documents that communicate a clear purpose, direction, and action plan focused on teaching and learning and the resources needed to meet the goals of the mathematics program.

Standard 7 – Leadership

Leadership instructional decisions focus on support for teaching and learning, organizational direction, high performance expectations, creating a learning culture, and developing leadership capacity.

Standard 8 – Family & Community Support

The school works with families and community groups to remove barriers to learning in an effort to meet the intellectual, social, career, and developmental needs of students.