National Council of Teachers of Mathematics (NCTM) Standards
SPA Competencies
William Paterson University
College of Education

Semester
O Fall
O Spring

O K-12
O K-12w/TSD

O Undergrad
O Post-Bacc
O MAT

O University Supervisor _____
O Cooperating Teacher _____

O Practicum
O Student Teaching Interim
O Student Teaching Final

PDS O Yes O No

Student's Name _____ **District** _____
School _____ **Subject** _____ **Grade** _____

Please rate candidates based on their performance in each standard below.

3. Target (consistently demonstrates) **2. Acceptable** (most of the time) **1. Unacceptable** (rarely or never)

Directions: Darken the ovals completely – Do not X or check ✓ the circle	**3**	**2**	**1**
1. **Knowledge of Mathematical Connections**. Candidate recognizes, uses, and makes connections between and among mathematical ideas and in contexts outside mathematics to build mathematical understanding. (NCTM 4)	O	O	O
2. **Knowledge of Mathematical Representation.** Candidate uses varied representation of mathematical ideas to support and deepen students' mathematical understanding. (NCTM 5)	O	O	O
3. **Knowledge of Technology.** Candidate embraces technology as an essential tool for teaching and learning mathematics. (NCTM 6)	O	O	O
4. **Knowledge of Mathematics Pedagogy.** Candidate possesses a deep understanding of how students learn mathematics and of the pedagogical knowledge of specific to mathematics teaching and learning. (NCTM 8)	O	O	O
5. **Dispositions**. Candidate demonstrates a positive disposition toward mathematical processes and mathematical learning (NCTM 8)	O	O	O
6. **Field-Based Experiences.** Demonstrates the ability to increase students' knowledge of mathematics (NCTM 16.3)	O	O	O

Comments:

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Student Signature **Date** **Cooperating Teacher/University Supervisor Signature**

Return Original Tan Form to the Office of Field Experiences. Please Xerox copies for Cooperating Teacher, University Supervisor & Student