**PENN LITERACY NETWORK**  
**SELF-REFLECTION OF TEACHING PRACTICES**  
**MATH**

<table>
<thead>
<tr>
<th>School:</th>
<th>Date:</th>
<th>Grade(s) presently teaching:</th>
<th>Subject(s):</th>
</tr>
</thead>
</table>

PLEASE DO NOT SIGN YOUR NAME. Mark the responses that most nearly reflect your teaching practices. You may wish to comment following any of your responses.

<table>
<thead>
<tr>
<th>HOW OFTEN:</th>
<th>0=never</th>
<th>1=rarely</th>
<th>2=sometimes (1-2x/week)</th>
<th>3=moderately (3x/week)</th>
<th>4=often (4x/week)</th>
<th>5=daily</th>
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</thead>
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**DEVELOPMENTALY APPROPRIATE:** I provide opportunities for students to use math for their own purposes using prior knowledge, developmentally appropriate strategies and world experiences to deepen and connect to new learning.

**ENVIRONMENT:** I use flexible grouping, e.g., pairs and triads, small heterogeneous groups, small needs-based groups, and working alone.

**KNOWLEDGE CONSTRUCTION:** I provide opportunities for students to construct understanding of mathematics through the use of manipulatives, authentic problem solving and real world data.

**DEVELOPING MEANING:** I provide opportunities which foster higher level, reflective thinking on the part of my students, e.g., What does this mean? Why do I need to know it? How will I use it?

**ASSESSMENT OF LEARNING:** I provide students the time and opportunity to question and/or reflect on their learning.

**DEMONSTRATION OF STRATEGIES:** I model a variety of mathematical problem solving strategies for students, e.g., make a table, work backwards, look for a pattern, look at a simpler problem.

**WRITING STRATEGIES:** I provide time and opportunities for students to use writing authentically - to learn and to communicate mathematically.

**SHARING:** I provide time for students to share their mathematical thinking in small as well as large group settings.

**INTEGRATION:** I provide opportunities for students to engage in reading, writing, talking, and listening in support of learning mathematics.

**EXTENSION OF LEARNING:** I provide opportunities and activities for students to learn more about topics of their choice through I - Search, web quests, problem-based learning assignments, etc.

**BUILDING SUCCESS:** I structure lessons/activities that provide an opportunity for all students to experience success.