

94. 3 - 5

**Problem Solving: One Component of a  
Balanced Math Program**

**Grand A**

This session will provide hands on practice with problem solving. Alignment to shifts, math practices, and CCLS (math/ELA) will be referenced throughout the workshop.

**Steve Graser**

**Erie 1 BOCES**

**Andrea Tamarzio**

**Session 1:30-2:30**

95. K - 2, 3 - 5,  
6 - 8, 9 - 12

**Targeted Adaptive Math Practice  
With Mathletics**

**Grand E**

3P Learning / Mathletics is an online educational publisher with award winning & engaging math, literacy and science programs and host of the annual World Education Games.

**Andre Corona**

**Mathletics/3P Learning**

**Computer Lab 1:45-3:00**

96. 6 - 8, 9 - 12

**Floating Midpoints**

**Grand B**

Using GSP to create graphs such as roses and cardioids from circles and lines. Making polar graphs accessible to all, using nothing beyond basic geometry.

**David Van Leeuwen**

**Retired**

**Session 2:00-3:00**

97. 9 - 12, G

**NASA , NSIDC, NASCAR**

**Fountain**

Solving problems in context. Let's answer the question "when will I ever use this?" Great sources to get yourself started! Ice project is cool. STEM.

**Ellen Falk**

**North Salem Middle High School**

**Workshops 2:00-3:15**

98. 3 - 5, 6 - 8

**Meeting the Standards for Mathematical  
Practice with a Student Math Conference**

**Michigan**

Minimize the alphabet soup of SLOs, APPRs, PARCC, CCLS and maximize great mathematics learning. In this session, many rich problems and one fantastic idea.

**Jim Matthews**

**Siena College**

**Christina Andromidas**

**Janice Balogh**