

ANI Institute I – Number Sense (Whole Numbers and Money), Geometry

ANI-PD Goals:

- Increase math content knowledge among teachers and program administrators.
- Increase instructional skills among teachers working with ABE, pre-GED, and GED students.
- Increase knowledge and use of math content standards.
- Build local program and state capacity to support adult numeracy instruction.

Institute I Agenda

Iowa Department of Education, Grimes Building, Room B50

September 10-11, 2015

Day I – September 10, 2015

8:30 – 9:00 Welcome, Overview and Introductions

9:00 – 10:30 Focus on Number and Operation Sense with Whole Numbers

- About How Many? (Estimation Stations)
- Visual Models and Understanding the Four Operations

10:30 – 10:45 Break

10:45 – 12:00 Continued - Focus on Number and Operation Sense with Whole Numbers

12:00 – 12:45 Lunch

12:45 – 2:15 Focus on Number and Operation Sense: Proportional Reasoning

- Introduction to Proportional Reasoning
- It's A Lot of Work! (Using Ratios to Predict)

2:15 – 2:30 – Break

2:30 – 3:45 Continued - Focus on Number and Operation Sense: Proportional Reasoning

3:45 – 4:00 Reflection and Wrap-up

Day II – September 11, 2015

8:30 – 8:45 Recap of Day 1

8:45 – 10:30 Focus on Geometry and Measurement

- Mona Lisa, Is That You? (Proportional
- Introduction to Geometry and Measurement
- Combining Squares
- Developing a Geometry Topic
- Comparing Volumes
- Frameworks/Standards Connection
- Next Steps and Evaluation Reasoning)

10:30 – 10:45 Break

10:45 – 12:00 Continued – Focus on Geometry and Measurement

12:00 – 12:45 Lunch

12:45 – 2:15 Frameworks/Standards Connection

2:15 – 2:30 Break

2:30 – 3:45 Continued – Frameworks/Standards Connection

3:45 – 4:00 Next Steps and Evaluation