

Session 3 - Panel: Latest Initiatives of the I.D.E.

Facilitator: Yvette McCulley, Judith Spitzl and Kathy McKee, IDE

Note Taker: Linda Espey, Grand View

Location: Rasmussen 217

#### NOTES:

Judith Spitzl discussed three math initiatives: Math-in-CTE, CGI, and Every Student Counts.

- Math-in-CTE is a cooperative program between high schools and community colleges focusing on mathematics support for career & technology education programs. It has been running for a year at the state level, and now three AEAs have initiated courses this summer.
- CGI is Cognitively Guided Instruction. The state is in the fifth year of this initiative. It provides professional development to teams from committed schools. It is research focused, and incorporates strategies for uncovering students' understanding of math concepts. CGI uses a train-the-trainer model.
- Every Student Counts is another math initiative. AEA teams, along with the Urban 8 and DE are implementing this train-the-trainer model. It focuses on teaching for understanding, problem-based instructional tasks, and meaningful distributed practice of skills, concepts, problem solving and reasoning.

Formative assessment practices are a major focus of all three of the math initiatives, as well as reflection of the tenets of the Iowa Core Curriculum.

Kathy McKee described the Every Learner Inquires initiative. They use the learning cycle model of instruction with five essential features of inquiry. There are AEA teams with representation from teacher prep and LEAs. There are four case study schools allowing research on implementation and student achievement. Kathy listed several resources for effective science practices, including How People Learn Science, Science Curriculum Topic Study, Uncovering Student Ideas in Science, and Science Formative Assessment.

Yvette McCulley gave a brief overview of how the math and science initiatives blend with the Iowa Core. She referred to Judy's presentation from the morning session. For more information, see the Department of Education website for specific consultants assigned to the initiatives.