

North Iowa Area Community College

Elementary Education Learning Community

Math for Elementary Teachers II
Inquiry into Life Science
Including Exceptional Students
Educational Evaluation and Measurement

Implementation Dates: January 14, 2008 through May 2,
2008

Participants

- Craig Zoellner, zoellcra@niacc.edu
 - Inquiry into Life Science
- Kathy Rogotzke, rogotkat@niacc.edu
 - Math for Elementary Teachers II
- Kacy Larson, larsokac@niacc.edu
 - Educational Evaluation and Measurement
- Nancy Fallis, fallinan@niacc.edu
 - Including Exceptional Students

Description

- This four-class learning community will provide an integrated curriculum experience for the final semester of elementary education majors focusing on integrating math into the science and education curricula

Outcomes

- Upon completion of the four-class learning community, the students will
 - teach a lesson for an elementary science topic incorporating mathematics concepts.
 - describe adaptation strategies for diverse learners for the science lesson.
 - construct evaluation tools for the science lesson.

Capstone Project

- **Assignment Criteria**
- Teach a lesson for an elementary science topic incorporating mathematics concepts. In addition, describe adaptation strategies for diverse learners and construct the evaluation tools for the lesson.
- **Core Rubric**
- Lesson Plan, Teaching, Science Content, Math Content, Evaluation Tools

Future Plans

- Develop 1-credit Capstone Seminar course
- Provide common special experiences (field trips, speakers, conferences)
- Help start Family Math Night at local elementary school
- Host workshop on using technology in teaching math and science for area teachers
- Visit each other's classes to further develop ways to integrate courses.

In Conclusion

Although we worked hard, well some of us did,
it was a great learning experience...Thank
you!

