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Mathematics / Science Demonstration Classrooms in Iowa

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MATHEMATICS / SCIENCE DEMONSTRATION CLASSROOMS IN IOWA

Last fall, about 200 mathematics and science educators participated in the Governor's II Conference on Mathematics and Science Reform. The conference focused on achieving integration of math and science in Iowa by using model classrooms. Five months later, Iowa teachers, administrators and staff continue to develop model classrooms.

Central to this new endeavor are teachers who are both the source and promotional agent of successful math/science integration. Their classrooms provide ongoing collegial support for teachers interested in implementing varied progressive classroom strategies including those which focus on the NCTM Standards, Project 2061, Science Benchmarks and the Science Standards (AAAS 1993, NCSESA 1993, Rutherford & Ahlgren 1990, NCTM 1989, Pizzini 1991, Bollwinkel 1991).

For math and science staff developers, these sites offer a "new perspective" of inservice that combines long term inservice, demonstration classrooms and reform initiatives.

This issue of the *ISTJ* is devoted to describing the methodology and mechanics used in several demonstration classrooms in Iowa.

References

- American Association for the Advancement of Science. 1993. *Benchmarks for science literacy*. American Association for the Advancement of Science, Washington, D.C.
- Bollwinkel, Carl W. 1991. Environmental issues instruction in Iowa. *Iowa Educational Leadership Journal*. 7 (2): 38-45.
- National Committee on Science Education Standards and Assessment 1993. *National science education standards: July '93 progress report*. Washington, D.C.:National Research Council.
- National Council for Teachers of Mathematics. 1989. *Curriculum and Evaluation Standards for School Mathematics*. Reston, VA:NCTM.
- Pizzini, E.L. & Shepardson, D.P. 1991. SCS problem solving and effective inservice. *Iowa Educational Leadership Journal*, 7 (2), 19-26.
- Rutherford, James & Ahlgren, Andrew. 1990. *Science for All Americans*. New York, NY: Oxford Press.