

IMPACT FOR K-12 SCHOOLS IN INDIANA

School Partnerships

Long-term partnerships with schools to improve achievement in science and mathematics

- Professional development
- Curriculum enhancement
- Strategic planning
- Standards-based pedagogy

Technology in K-12 Classrooms

- Student use of scientific instrumentation
- Science Express
- Equipment loans and delivery
- Instrumentation practice and theory

School Improvement in Science and Mathematics

- Addressing academic standards
- Teacher professional development
- Integrated STEM
- Building school and teacher leadership

State Involvement

Cooperative relationships with

- K-12 schools
- Higher education
- Government organizations
- Business and industry
- Not-for-profit organizations
- Teacher organizations

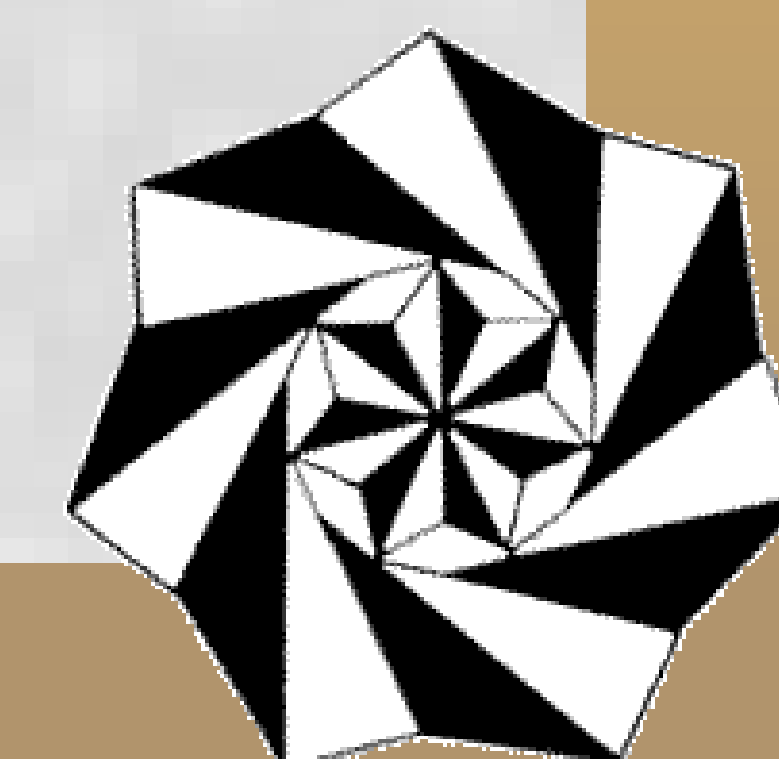
Metrics

Since 1989 Science K-12 Outreach work has included

- Over 5,000 school visits
- Over 19,000 teachers participating
- Over 840,000 students participating
- Over \$16,000,000 expended for K-12 science and mathematics programs

Research for Effective Practices

- Purdue faculty research
- Applied pedagogy
- School and student data analysis



<http://www.science.purdue.edu/outreach>

