

## How do I get Involved?

Teachers are encouraged to participate in teams of mathematics, science, and Industrial Technology teachers from the same district, however, individual applicants will be accepted. Participation is being limited to the first 30 applicants.

Applications are available at:

[www.tdlmathscience.org](http://www.tdlmathscience.org)

You may also request an application by emailing [fbeauman@ioes.org](mailto:fbeauman@ioes.org) or by calling 800.252.4822 extension 244.

**Deadline October 31, 2006**  
(Limited to first 30 teachers)

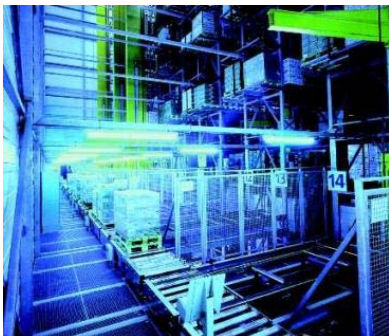
## Industry Contributors

CAT Logistics—Morton, IL

Motorola—Schaumburg, IL

Walgreens—Chicago, IL

Jewel Foods—Chicago, IL



Contact Person:  
Dr. Frances Beauman  
[fbeauman@ioes.org](mailto:fbeauman@ioes.org)  
800.252.4822 extension 244 or  
217.725.1140 (wireless)

For more information please visit:  
<http://www.tdlmathscience.org>

Southern Illinois University Carbondale  
Illinois Office of Educational Services  
2450 Foundation Drive, Suite 100  
Springfield, IL 62703  
Phone: 800.252.4822 or 217.786.3010  
Fax: 217.786.3020

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# Illinois Industrial Technology Math & Science Partnership



The goal of this Math and Science Partnership is to improve the math and science skills of students by providing teachers with a better understanding of mathematics, science, and engineering as it relates to businesses and to make these subjects more interesting for students by using a problem based learning approach. This will be done by providing in-service and resources to mathematics, science, and Career Technical Education (CTE) instructors on topics which will translate to new classroom instructional strategies.



This project will help mathematics, science, and CTE teachers maximize the math and science in their curriculum. Mathematics and science instructors will learn first hand how math and science applications are used within business settings. CTE teachers will be made aware of math and science that already exists in their curriculum.



Illinois teachers of grades 7-12, Science, Mathematics, and/or Industrial Technology are being invited to apply for this unique professional development opportunity.

Funds are provided through the Illinois Mathematics and Science Partnership Grant (NCLB, Title II, Part B) to support a summer 2007 institute to assist teachers in gaining a deeper understanding of mathematics as it relates to the "real world" and their curriculum.

The project is partnering with cutting edge businesses to bring teachers into direct contact with the daily operations and decision making in the industry. As a result of this unique opportunity, Science, Mathematics, and Industrial Technology teachers of grades 7-12 will be able to create hands-on "real world" learning opportunities for their students, while increasing both student and teacher knowledge.

#### What's in it for School Districts?

- Real world application of math and science for students
- Increased application by students of math and science content
- Opportunity for students to explore potential careers
- Linkages to post secondary education
- Aligned to Illinois Learning Standards

#### What's in it for Teachers?

- \$1350 for work associated with summer grant activities
- Substitute teacher reimbursement for 5 days of training during the school year
- Up to \$650 for travel expenses
- 3 hours of post graduate credit from Illinois State University
- Hands-on, practical application of math and science content
- Opportunity to partner with businesses
- Opportunity to engage in student driven instruction
- Chance to introduce more career opportunities to students

