

DEADLINE FOR APPLICATION: OCTOBER 31, 2006

Teacher Statement of Understanding and Participation Agreement for Industrial Technology, Math and Science Partnership

PLEASE PRINT CLEARLY OR TYPE.

School / School District	_____	ROE #	_____
Name	_____	Work Email	_____
Work Address	_____	Phone	_____
		Fax	_____
Work City	_____	State	_____
		Zip	_____
Home Address	_____	Home Phone	_____
Home City	_____	State	_____
		Zip	_____
Wireless Phone	_____	Home Email	_____
Grade Level / Subject	_____	Area of Interest**	_____

***Please indicate desired area **mathematics, science, or Industrial Technology** as the preferred area of study for this project. See attached schedule of activities to assist in making this decision.*

GRANT GOAL: Each teacher will design and implement a problem based learning opportunity related to the Career Cluster connections in Industrial Technology and the Illinois Learning Standards in Mathematics or Science. **Full participation in all scheduled activities is required.**

Orientation Meeting (1 day – May 2, 2007) to complete survey and receive an overview of the grant activities.
Springfield, IL

Working individually in home location with Content Mentor
(2 days between June 21 and August 31, 2007)

Content Training in a “real” Scenario (3 days- June, 19-21, 2007) to strengthen conceptual understandings in mathematics, science, and Industrial Technology as it relates to the real world and to gain an awareness of real world application of mathematics, science and Industrial Technology as the authentic connection for the Problem Based Learning opportunity. Mt. Vernon, IL at Walgreen’s Midwest Distribution Center.

Individual Follow-Ups
(1 day- October-December 2007 to implement the PBL scenarios into your classroom.

Follow-Up Professional Development Activities
(2 days April 2008) to deepen the content focus and broaden pedagogical applications.

Problem Based Learning & Action Research Training (4 total days – July 10 and 11 in Joliet and August 1 and 2 in Springfield to develop and present a problem based learning opportunity for students and an action research plan for the 2007-08 school year.

Whole Group Follow up
(1 day-May 2008) to evaluate the PBL scenarios and post project evaluations.

In addition to full participation in the above professional development, each teacher:

- Needs year round access to an email account for correspondence of project information.
- Needs basic computer skills (email, basic word processing, and web browser, etc).
- Will have access to online conference software to meet and collaborate via the Internet.
- Will complete a “pre” and “post” on-line survey prior to June 1, 2007 and June 1, 2008.

- Will complete a portfolio to be utilized for reflection and grant evaluation. Portfolio includes: reflections, PBL unit plan, action research documentation, and other information needed by the grant.
- Will utilize the TDL Math and Science Partnership website and check email consistently to remain current on grant activities.
- **Will receive \$1,350 (*subject to payroll deductions) for work associated with summer grant activities.**
- **Substitute cost (for 3 days training: April 2007, January 2008, May 2008)**
- Will receive materials related to the project and PBL training.
- Will have access to participant equipment and materials purchased through grant funds. Upon successful completion of grant activities, the equipment becomes the property of the school district.
- Will have the opportunity to earn 3 hours of graduate credit. Payment for graduate credit is covered by grant funds.
- All parties understand that any instructional materials created during the Mathematics and Science Partnership grant become public property, which may be used by all Illinois schools at no charge.

***PLEASE NOTE: DOLLARS TO SUPPORT TEACHER WORK TIME WILL BE SENT TO THE SCHOOL DISTRICT AND ARE SUBJECT TO PAYROLL DEDUCTIONS.**

ORIENTATION MEETING

9:00 am – 3:30 pm
 May 2, 2007 (1 day)
 Springfield

CONTENT TRAINING IN “REAL” SCENARIO

June, 19-21, 2007
 Mt. Vernon

PBL & ACTION RESEARCH TRAINING

11:00 am –
 July, 10 & 11, 2007
 Joliet

FINAL SUMMER MEETING

11:00 am –
 August 1 & 2, 2007)
 Springfield

INDIVIDUAL FOLLOW-UPS

5 hours each with mentor
 2 days between June 21 and August 31, 2007
 1 day October 2007
 to be arranged by you.
 Individual Schools

PROF DEVELOPMENT & FOLLOW-UPS

3 days September 2007- May 2008
 Various Locations

I understand that to be successful in this professional development opportunity, I will need to be open to utilizing authentic connections for teaching and learning; creating a learning environment for students that supports inquiry and exploration vs. traditional instructional methods; and evaluating, through professional dialogue with other grant participants, the impact on student understanding and achievement using authentic connections and inquiry.

 Teacher Name (Printed)

 Date

 Teacher Signature

 Superintendent or Principal Name (Printed)

 Date

 Superintendent or Principal Signature

STATEMENT OF UNDERSTANDING MUST BE RECEIVED BY OCTOBER 31, 2006.

**FAX to: 217-786-3020
 ATTN: Dr. Frances Beauman**