

# PEERS: Partnership for Engineering Educational Resources for Schools

Project Description: Teachers use the PEERS website, [www.peersprogram.com](http://www.peersprogram.com) to request one of 13 classroom STEM activities that show the direct application of science, math, engineering and technology in the involved five businesses or college partners. Volunteers from PEERS member businesses or colleges work with the teacher and deliver the experience to students in grades 3-12 demonstrating how professionals in business use the scientific principles learned in their jobs.

## Grade Levels:

3<sup>rd</sup> – 12<sup>th</sup>

## Objectives:

- Promote interest in Science, Technology, Engineering and mathematics among local students by expanding PEERS STEM Classroom activity delivery to all six Iowa STEM Hubs.
- Increase the number of students enrolled in engineering and manufacturing technology programs at Iowa colleges and universities.
- Expand the number of engineering and manufacturing technology graduates considered for hire by PEERS business partners.

## Required Commitments of teacher or school:

- Communication/exposure meetings for all staff involved in STEM education
- Partner in recruiting area businesses to join as PEERS partner
- Coordination of classroom activity delivery dates with assigned business/college volunteer
- Offer feedback on the success of classroom experience

## Materials Provided:

- Level One Activity Supplies needed for the activity

## Website to view program:

[www.peersprogram.com](http://www.peersprogram.com)

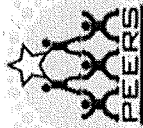
## Contact information:

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ACTIVITIES

CLASSROOM  
EXPERIENCE

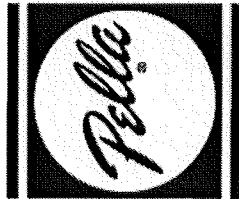
EVALUATION  
SURVEY

UNIVERSITIES

SCHOOLS

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## Pella Corporation

...e and technology has been and will continue to be engines of growth for Pella Corporation. ...ce in discovery and innovation has advanced the frontiers of our knowledge and propelled ...a position of leadership.

...lly, Pella Corporation has benefited from an abundant supply of engineers. However, several ...dicate problems ahead. Flat enrollment in engineering, large increases in engineering ...e retirements, rapidly increase demand for technical staff, and State and local budget ...e for education will mean the ready available supply of outstanding science and engineering ...no longer assured. PEERS was formed to encourage interest in science and help increase ...nt in engineering at Iowa colleges and universities. Ultimately, we hope to expand the ...of qualified engineers and technical professionals in Iowa. Pella welcomes the opportunity to ...ether with our partners to encourage local students to consider exciting careers in ...ing."

*Ehlinger, Senior Director, Advanced Engineering and Quality*

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## PEERS Classroom Experience Request Form

Request a classroom experience from the PEERS program. Fill out the form below and the PEERS team will be notified of your request.

Date of Request*	<input type="text" value="11/19/2012"/>
Teacher's Name*	<input type="text" value="Name of requesting teacher"/>
E-mail Address*	<input type="text" value="E-mail of requesting teacher"/>
Telephone Contact*	<input type="text" value="Telephone number of teacher &amp; best time to call"/>
School Name*	<input type="text" value="School where experience is to happen"/>
Grade Level*	<input type="text" value="3rd"/>
PEERS Activity*	<input type="text" value="Engineering Opportunities"/>
Requested Date/ Day of Week*	Please click to pick a date:
Requests Filled In Order Received	Please pick a 2nd date:
Fall Semester Activities in Oct, Nov, Dec Fall Deadline: Sept. 9	
Spring Semester Activities in Feb, Apr, May Spring Deadline: Jan. 13	
Time of Day/Duration*	<input type="text" value="Time(s) in day &amp; duration - Please also indicate if multiple class periods are participating."/>
Audience Size*	<input type="text" value="Number of students attending experience"/>
Comments/Questions	<input type="text" value="Please include any comments/questions you may have about signing up for a PEERS activity."/>



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