

PASCO STEM EDUCATOR AWARDS

SPONSORED BY PASCO SCIENTIFIC

PROGRAM SUMMARY:

The PASCO STEM Educator Awards, sponsored by PASCO scientific, in partnership with the National Science Teachers Association, recognizes excellence and innovation in the field of STEM education at the elementary, middle school, and high school levels. A total of 5 awardees will be selected annually. Each awardee will receive up to \$1500 to cover travel expenses to attend the NSTA national conference and be part of a STEM share-a-thon workshop, a \$1000 monetary gift, and a \$2000 certificate for PASCO scientific products. The recipients of the awards will be honored during the Awards Banquet at the NSTA national conference.

The winning selection will become part of the NSTA Web site and thus available for use by other STEM teachers. Award recipients agree to:

- ★ Correspond by email, and possibly other means, with STEM teachers to share experiences
- ★ Cooperate with NSTA as this information is collected in ways designed to improve the teaching of STEM education.

ELIGIBILITY:

The applicant must be a K-12 STEM educator. Individuals must have a minimum of 3 years teaching experience in the STEM fields, who implement innovative inquiry-based, technology infused STEM programs. One elementary level, two middle level, and two high school level recipients will be awarded annually.

CRITERIA FOR JUDGING:

Excellence in innovative inquiry-based, technology infused STEM education, is the main criterion for selection of the recipients. Among the types of excellence and innovation that will be considered by the committee are programs that:

- ★ Implement innovative inquiry-based, technology infused STEM programs
- ★ Address a real-world application or problem, integrate the elements of STEM (science, technology, engineering and math)
- ★ Incorporate sensor-based data collection and visualization technologies
- ★ Teach various ability levels of students, including those that may be underrepresented in science, at risk, or have differing abilities
- ★ Support National Science Education Standards

AWARD SUBMISSION REQUIREMENTS:

- ★ Completed application form with signature.
- ★ A narrative describing how they implement the teaching of STEM in the classroom, specifically addressing the criteria above, not to exceed 500 words.
- ★ Examples of student products exhibiting real world application must be included, up to three pages.
- ★ Three letters of support with at least one from an education colleague who can describe the merit of the applicant's work. These letters should not exceed three pages each and must accompany packet. If the letters are sent separately, they will not be considered.
- ★ A one page resume or vita, which includes a brief description of your teaching experience, professional development, professional activities and awards.
- ★ All correspondence must be in 12 point Times New Roman font.
- ★ Label each section, number each page.

Upon receipt, applications become property of NSTA. Applications will not be returned to applicants. Late or faxed applications will not be accepted. All material must be submitted at the same time using the online submission process established for this award or mailed to NSTA. Completed applications must be received by November 30.

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Award Level elementary (K-5) Middle Level (6-8) High School (9-12)

Name _____ Title _____

School Name _____

School Address _____

City _____ State _____ Zip _____

Telephone (____) _____ FAX (____) _____ E-mail _____

Home Address _____

City _____ State _____ Zip _____

Telephone (____) _____ FAX (____) _____ E-mail _____

How many years have you been implementing STEM education? _____

School Type Public Private DoD Urban Rural Suburban

Signature _____ Date _____

Principal's Name _____ Phone Number _____

I certify that the applicant is a full-time classroom teacher at the above referenced school, and the program described herein has existed for one year or more and is ongoing. I fully support the submission of this application.

Principal's Signature _____ Date _____

Send your original application and supporting materials to:

Pasco STEM Educator Awards

NSTA

1840 Wilson Boulevard

Arlington, VA 22201-3000

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Questions? Please visit our website at www.nsta.org/awards or e-mail awards@nsta.org.

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CHECKLIST

Occasionally we receive entries that are incomplete or in which the applicant did not follow the specified guidelines. Entries that do not follow the stated rules for submission are disqualified, regardless of the merit or innovation of the entry. Make sure you and a colleague review the checklist below before sending in your application so you can ensure that your efforts will not be disqualified. Ensure that your application communicates the information you intend. Don't forget to check for correct spelling. All written components should be typed and double spaced, on standard 8-1/2" x 11" white paper, with 1" margins. The font is a standard 12-point size or larger. Make sure your application is bound together with a heavy-duty staple or binder clip (no presentation binders). If you have questions regarding your application, please e-mail awards@nsta.org.

Complete the list, sign it, and attach it to your application. Each entry includes

- a completed application form signed by you and your principal;
- narrative of application and program description;
- examples of student products exhibiting real world application or problem;
- one-page vita;
- three (3) letters of support; and
- label each section and number each page.

Please be advised that you may apply for more than one award; however, you are eligible to win only one NSTA award per year. Each application must be based on a unique program and process. Submission of the same idea and materials to different NSTA award programs will result in the disqualification of all applications. If your idea or project has received an NSTA award in the past, that idea or project is not eligible to receive an additional award.

If you are selected to receive an award, NSTA must request and receive your social security number to issue a 1099 form to you. If your program is currently grant funded, confirm that you, as an individual, are eligible to receive a cash award. Your application will not be returned and becomes the property of NSTA. If you have received an award for this project from another provider, you must notify NSTA.

If your application is selected to receive an award, NSTA reserves the right to reproduce information/photos/ other content in promotional materials and on the NSTA website. By submitting materials that contain images of students and other individuals, you assume complete responsibility for obtaining appropriate release consent forms and permission to transfer these materials to NSTA. Electronic submission is preferred. Incomplete applications will not be considered.

Signed _____ Date _____

NSTA AWARDS – 2011/12

STEM Educator Award

Official Scoring Guide

Name: _____
 City/State: _____
 Grade Level: ___ K-5 ___ 6-8 ___ 9-12

Criteria							Score
Application form is complete.							YES or NO
Criteria	Poor	Fair	Good	Very Good	Superior	Weight	Score
Narrative – No more than 500 words; including description of:							
a. How they implement the teaching of STEM in the classroom	1	2	3	4	5	X 2	
b. Innovative inquiry-based technology infused STEM	1	2	3	4	5	X2	
c. Addresses a real-world application or problem, integrating the elements of STEM (science, technology, engineering, and math)	1	2	3	4	5	X2	
d. Incorporates sensor-based data collection and visualization technologies	1	2	3	4	5	X2	
e. Demonstrates differentiation of instruction	1	2	3	4	5	X1	
f. Supports NSES	1	2	3	4	5	X1	
Vita – Includes teaching experience, professional activities, formal and continuing education, awards and published materials. (One page, single-sided, single-spaced only.)	1	2	3	4	5	X 1	
Letters of Support –3 letters of support addressing qualities of impact. Letters may come from colleagues, students, parents, administrators or community representatives. (Each letter must be no more than three pages, and may be single-sided, single-spaced.)	1	2	3	4	5	X3	

Total	
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Comments: _____

Judge: _____ **Date:** _____