

Kougar-Melton, Patricia

From: Texas Computer Education Association (TCEA) [lgracey@tcea.org]
Sent: Tuesday, March 09, 2010 5:34 AM
To: Kougar-Melton, Patricia
Subject: TechNotes March 9, 2010

Having trouble viewing this email? [Click here](#)

You're receiving this email because of your relationship with the Texas Computer Education Association (TCEA). Please [confirm](#) your continued interest in receiving email from us.

You may [unsubscribe](#) if you no longer wish to receive our emails.



Learning with Robotics

Upcoming Events

["Getting Your Principals and Superintendent on Board" workshop](#) - March 12 from 8:30 a.m. to 4:00 p.m. at the McAllen ISD Staff Development Center.

["Roadmap to Retirement" webinar](#) - March 16 from 3:00 p.m. to 4:00 p.m. Free to members.

["Copyright for the 21st Century" webinar](#) - March 17 from 3:00 p.m. to 4:00 p.m. \$25 for members.

["The After-School Robotics Club" webinar](#) - March 22 from 3:00 p.m. to 5:00 p.m. \$45.00 for members.

["Collaboration Tools for Students and Teachers" webinar](#) - March 24 from 9:00 a.m. to 11:00 a.m. \$45 for members.

["Lunch and Learn: Technology Camps for Students" webinar](#) - March 24 from 11:45 a.m. to 12:30 p.m. Free to members.

["21st Century Education for the Millennial Learner" workshop](#) - March 25 from 8:30 a.m. to

Area 9 Robotics Contest

TCEA held its Area 9 robotics competition at Midwestern State University on December 12, co-sponsored by the McCoy School of Engineering. Seven teams of students from area junior and high schools competed, with the top two teams advancing to the TCEA state-wide competition in May 2010. Don Sewell, Area 9 TCEA director, coordinated the event, with Dr. Salim Azzouz, Dr. Dale MacDonald, and Mark Weller officiating.

Student teams were challenged by this year's contest and generated enthusiasm to solicit involvement from additional area schools as a valuable student experience and a natural recruiting event for the McCoy School of Engineering. Winners included:

- High School Bronze: Crowell High School
- Middle School Gold: Burkburnett Middle School
- High School Gold: Crowell High School
- High School Silver: Jacksboro High School



Robotics Research

Can adding a robotics program to a school curriculum make a difference in student learning? These research articles say "yes!"

- [Engaging Students: A Framework Using LEGO Robotics to Teach Problem Solving](#)

4:00 p.m. in El Paso. Free to members.

[Area 5 Technology Showcase](#) - March 26 from 8:45 a.m. to 2:45 p.m. at Hardin Jefferson High School in Sour Lake. \$10 for members.

State Robotics Contest

TCEA's State Robotics Contest is scheduled for May 15, 2010. Contests in each Area have resulted in 158 total teams that will compete in both intermediate and advanced levels for the Arena and Inventions categories. The contest will be held at the Jim Barnes Middle School in Seguin ISD from 7:30 a.m. to 6:00 p.m., with the advanced teams competing in the morning and the intermediate teams competing in the afternoon.

If you are interested in starting up a robotics program at your school, you are invited to watch the Arena category of the contest to learn more. You may also view the Inventions entries once judging is complete. For more information, visit the [web site](#) or contact [Katie Treat](#).

Join Our Mailing List!

- [Evaluation of the FIRST LEGO League "Climate Connections" Season](#)
- [The Pavers](#) (YouTube video)
- [Nobel Prof Gives Schools High-Powered Science Help](#)
- [The Virtual Instructor Intervention: A Case in LEGO Robotics](#)

Robotics Certification Program

Are you looking for an action plan that will guide your robotics program into the 21st century? TCEA's Robotics Facilitator Certification Program offers educators the opportunity to learn about 21st century practices, innovative strategies, and effective ways to transform their robotics programs.

Attendees will benefit from 36 hours of course curriculum on topics such as *Advanced Problems in Robotics*, *LEGO Digital Designer* and the *After School Robotics Club to Understanding and Building 21st Century Skills* and *True Technology Integration*.

Teachers will walk away ready to implement strategies and efficiently utilize resources that are sure to innovate their robotics program and motivate their students. For more information on this program and to view the class courses, go to [Robotics Facilitator Certification Program](#).

Web Sites about Robotics

- [Creating Appropriate Student Challenges for an Elementary Robotics Curricula](#) (PDF)
- [Grades K-5 Robotics Lessons](#)
- [Grades 6-8 Robotics](#)
- [Grades 9-12 Robotics Lessons](#)
- [NASA Robotics](#)
- [PBS Design Squad](#)
- [Robot Cafe](#)
- [Robot Curriculum for Middle School](#) (PDF)
- [Robotics Events and Competitions](#)
- [Robotics for K-12 Education](#)
- [Robotics Lessons \(1\)](#)
- [Robotics Lessons \(2\)](#)
- [Robots Lesson Plan](#)
- [Robot Teachers](#)



Texas Computer Education Association

[Forward email](#)

[SafeUnsubscribe®](#)

This email was sent to patricia.kougar-melton@springbranchisd.com by lgracey@tcea.org.
[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Email Marketing by



Texas Computer Education Association (TCEA) | P.O. Box 141759 | Austin | TX | 78714

