

Arkansas STEM Coalition eNews - December 2017 Issue 20



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Arkansas STEM December Quarterly Meeting!

When: Friday, December 8, 2017 from 11am to 1pm

Where: University of Arkansas Pulaski Technical College Campus Center
Grand Hall B, 3000 W Scenic Dr., North Little Rock, AR 72118

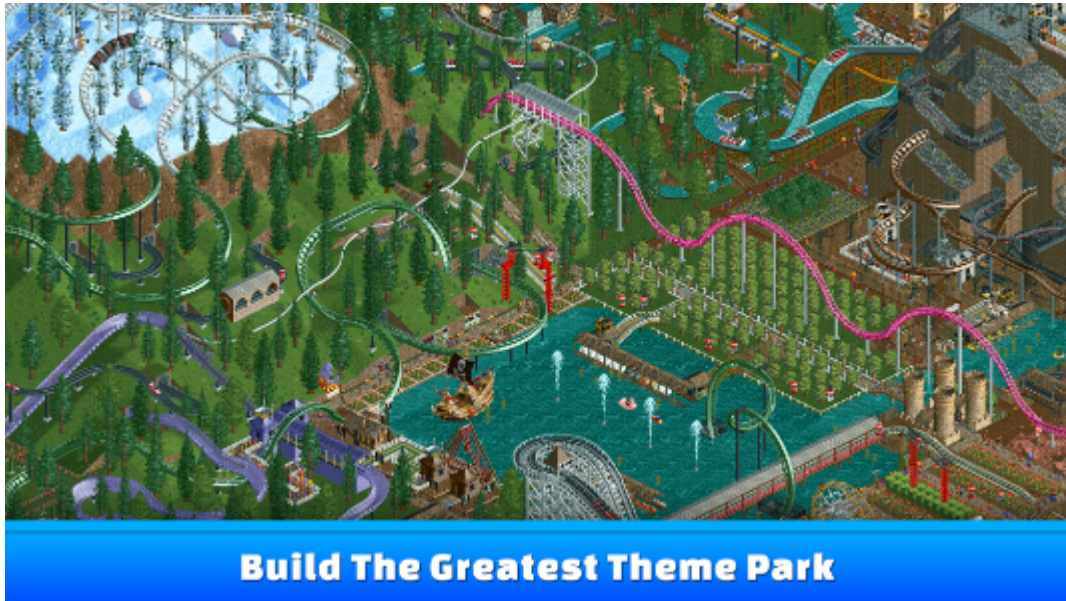
Registration in the Foyer outside Grand Hall B

Registration fee: \$25 if invoiced or payment is received before December 7, 2017, cost is \$30 on December 8 at the door.

You may prepay with a credit card, by mailing a check or requesting an invoice.

Details are available on the registration form <https://goo.gl/m1DouW>.

Come learn about the latest in STEM activities in the state at the December Quarterly Meeting. **Click [here](#) for the most up-to-date agenda.**



IE Challenge Competition

The IE Challenge is a fun, interactive game-based competition that allows you to apply components of [industrial engineering](#) as you design the facilities layout and hire the necessary personnel to keep an amusement park running efficiently. All of this is done through the use of a [Roller Coaster Tycoon](#) simulation game. Students work together in teams of 2 to design and operate a roller coaster theme park. Data is collected during game play, and a discussion of the industrial engineering concepts involved in the development and operation of the park is submitted digitally. The top teams will be invited to the University of Arkansas to compete for trophies and prize money!

Submit your team registration by the deadline, **February 9, 2018**, and your [digital presentation](#) by **March 2, 2018**, in order to qualify for the final stage of the competition which will be held at the University of Arkansas on **April 7, 2018**.

Click [here](#) to view the competition website with resources available.

Prizes are as follows:

1st Place – 1st place plaque, trophies for each student, and \$600 (\$200 for each student and their sponsor)

2nd Place – 2nd place plaque, trophies for each student, and \$300 (\$100 for each student and their sponsor)

3rd Place – 3rd place plaque, trophies for each student, and \$150 (\$50 for each student and their sponsor)



The Arkansas STEM Coalition invites you to attend the Second Arkansas STEM Summit to be held on **February 12-13, 2018**, co-sponsored by AdvancED Arkansas, Arkansas STEM Coalition and the Arkansas Out-of-School Network. The Summit will be held at the DoubleTree Hotel in Little Rock, Arkansas. Summit sessions will focus and target effective STEM practices and strategies for engaging student learners in STEM education. The Summit is designed for all community and business entities, legislators, higher education, pre-K-12 public and private institutions, out-of-school time program professionals and informal STEM educators, school board members, superintendents, central office personnel, principals and teachers. Participants are encouraged to bring mobile technology devices as some sessions will be interactive.

Sign ups will be made available soon.



Upcoming Events

December 5, 2017 - Understanding NGSS for Administrators/Facilitators, Stem Center
Henderson State University

December 8, 2017 - Arkansas Stem Quarterly Meeting, Pulaski Tech

December 15, 2017 - AEEA Dine and Discover: Here Comes The Sun

January 8, 2018 - Mid America Science Museum Workshop #1 Intermediate Robotics

January 24, 2018 - STEM Girls Leadership Conference, Arkansas State University - Delta,
West Memphis

January 29, 2018 - Mid America Science Museum Workshop #2 Big Impact with
Microprocessors

February 1, 2018 - STEM Girls Leadership Conference, Harding University, Searcy

February 9, 2018 - STEM Girls Leadership Conference, Arkansas Tech University,
Russellville

February 10, 2018 - STEM Girls Leadership Conference, Arkansas University, Fayetteville

February 12-13, 2018 – STEM Summit 2.0, DoubleTree Hotel, Little Rock

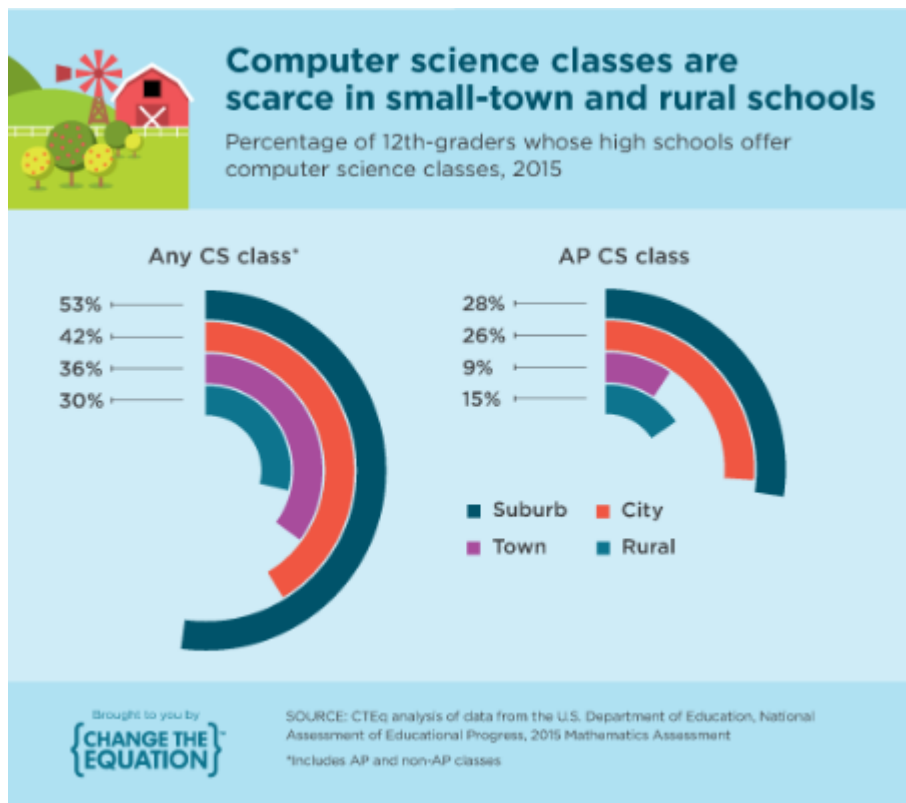
March 2, 2018 - STEM Girls Leadership Conference, Arkansas State University - Rural,
Jonesboro

March 9, 2018 - STEM Girls Leadership Conference, University of Central Arkansas,
Conway

March 9, 2018 - STEM Girls Leadership Conference, University of Arkansas at Pine Bluff,

March 22, 2018 - STEM Girls Leadership Conference, University of Arkansas at Little
Rock,

If we are missing your event, please send the information including a contact
person to info@arkansasstemcoalition.com.



University of Arkansas STEM Center Focus

The **Center for Mathematics and Science Education (CMASE)** – a University of Arkansas K-16 education outreach facility within the College of Education and Health Professions – works in conjunction with the Arkansas Department of Higher Education as part of a network of twelve mathematics and science centers on university and college campuses around Arkansas. The main objectives of the center are to:

1. Provide science, mathematics and technology professional development for K-16 pre-service and in-service teachers;
2. Assist in statewide K-16 education initiatives;
3. Coordinate regionally beneficial grant-funded programs among universities and colleges for K-16 education;
4. Provide science, mathematics and technology educational materials, resources, and information to the K-16 community; and
5. Link common K-16 education allies throughout the state.

University Day, Science/Engineering Fairs, Springfest, and various K-16 teacher and student programs are conducted through the center. Day-to-day educational outreach information is sent to local, regional, and statewide

constituencies through the center's website and various email listservs. The Center for Mathematics and Science Education is a host site for the federally sponsored Eisenhower National Clearinghouse and the Southwest Educational Development Laboratory Consortium. The center also serves as the Arkansas National Aeronautics and Space Administration Educator Resource Center, responsible for warehousing and disseminating NASA materials and providing regular updates on NASA programs and materials to the state.

Web pages specifically designed to provide a wealth of material resources and information available for public, private and home-school educators across the state can be accessed at the website.

For more info on the University of Arkansas' STEM Center, click the logo below.



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ARKANSAS

