

NHHS Tech Fair

On Thursday, December 7, we will have our in-house tech fair at North Hall. Any student who is interested may participate in the North Hall Tech Fair. You do not have to be in the STEM Academy to enter a project. Students who wish to enter the tech fair will need to see Mr. Frederick in room 311.

All tech fair categories are listed on the right-hand column of this page. Project guidelines are listed below: *"Projects for each category must be unique and cannot be entered in more than one category. Students can only participate in a maximum of 1 project, excluding the Technology Literacy Challenge and the Programming Challenge."*

Projects are to be designed and created by students. Some adult guidance is allowed, but it must be clear that all work entered by students was done by the students."
Source: <http://www.gatechfair.org/categories>

The North Hall Tech Fair will follow the same guidelines as the Regional and State Tech Fairs. More information is available at the following websites:

Regional Tech Fair: <http://hallcotechfair.weebly.com/>
State Tech Fair: <http://gatechfair.org/>

We need parent volunteers to help judge tech fair projects. Please contact Mrs. Clark if you are interested in helping. candi.clark@hallco.org

Upcoming Events

November 8

Guest Speaker

Debra Brunson, Neonatal
Intensive Care Nurse

Tech Fair Categories

3-D Modeling
Animation
Audio Production
Device Modification
Digital Game Design
Digital Photo Production
Graphic Design
Internet Applications
Mobile Apps
Multimedia Applications
Productivity Design
Programming Challenge
Project Programming
Robotics
Tech Literacy Challenge
Video Production

ZF Grant

The STEM Academy would like to thank ZF Industries for giving us a \$2,000 grant for our robotics program. We appreciate your commitment to STEM education!



Guest Speaker, Debra Brunson

On November 8 during seventh period, Debra Brunson will be joining us to discuss her job as a neonatal intensive care nurse at Northeast Georgia Medical Center. During her presentation, she will show our students what it is like to work with the tiniest, most fragile patients in the hospital. Any STEM student who is interested in hearing her presentation may attend. However, all students must sign up ahead of time with Mrs. Clark (room 308). This is to ensure students are not counted absent in their seventh period classes. All students who attend are responsible for making up any work they miss in their seventh period classes. Please sign up no later than Friday, November 3.



Ninth Grade Field Trip to Cottrell Trailers

On October 11 the ninth grade STEM students took an engineering field trip to Cottrell Trailers. We learned how Cottrell Trailers uses the engineering process to design and manufacture car haulers. We also were fortunate enough to be able to tour the entire facility, and students were able to see the manufacturing process from beginning to end. It was a very informative trip, and we had a great time! We would like to thank Mike Klukaszewski for helping us organize the trip and Cottrell Trailers and their staff for helping us see the engineering and manufacturing process in action.



STEM Student Accomplishments

Congratulations to Caroline Gibson for being accepted into the Engineering Career Conference at Georgia Tech! Caroline will have the opportunity to hear directly from Georgia Tech's world-renowned faculty and current Tech students about the 11 undergraduate engineering majors offered at Georgia Tech.

Congratulations to Osmani Albornas and Camden Gillespie for winning the STEM t-shirt design competition! T-shirt order forms will be sent out as soon as the design is finalized with the t-shirt company.