

## In This Issue

- [3D Printer](#)
- [Club Expo](#)
- [Lockheed Trip](#)
- [ASCE Scholarship](#)
- [EBC Meeting](#)
- [Volunteers](#)
- [Banquet](#)
- [Aggie STEM Camp](#)

## Upcoming Dates

- March 3 – Club Expo (Open House)
- March 13-15 – FRC Competition
- March 18 – Booster Club Meeting
- April 25 – Spring Banquet
- July 19-24 – Solar Car Challenge

## Links

- [Engineering Booster Club](#)
- [Engineering Home Page](#)
- [Engineering Facebook](#)
- [Announcements Blog](#)
- [Engineering Twitter](#)

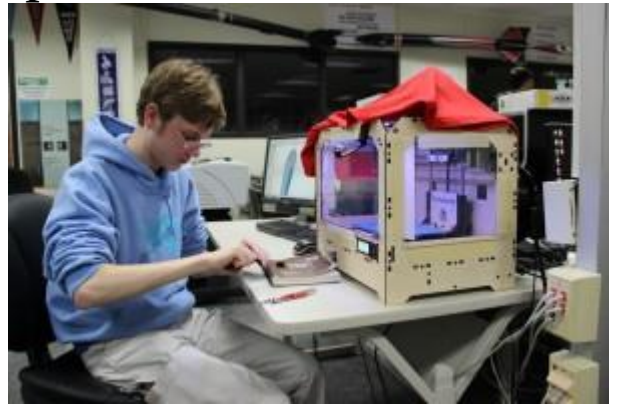
## Acronyms

- [EBC – Engineering Booster Club](#)
- [STEM – Science, Technology, Engineering & Math](#)

## Science fiction becomes fact for engineering students through 3D printer

[Coppell Student Media.](#)

Centimeter by centimeter, the printer produces the small black gear to match the model glowing on a nearby computer screen. However, this is not a simple picture of the model. This is a very real, fully usable gear coming out of the printer.



While this may seem like the substance of science fiction, it is a reality for Coppell High School's engineering department. Near the end of last year, it acquired a MakerBot Replicator 1 three-dimensional printer from their booster club and spent that time working out all the bugs and learning Solid Works, a 3D modeling program, so it would be fully functional.

[Read more...](#)

[Top of the Document](#)

## CHS Club Expo

The annual CHS Club Expo is Monday, March 3. The event will run from 5:00 to 6:30. We will have tables for our teams and STEM Academy. This is a great opportunity for our learners to show off some of the things they have done this year. Parents can see their child's work from the year. In addition, it is a great time for learners to see some of the opportunities they will have next year.



MOSAIC – Marvelous Opportunities Scheduled as Individual Courses

FRC – FIRST Robotics Challenge

NI – National Instruments

### Links of interest

[www.arduino.cc](http://www.arduino.cc)  
*The home page for the Arduino board and programming.*

[www.sparkfun.com](http://www.sparkfun.com)  
*The home page for the SparkFun*

[learn.sparkfun.com/tour](http://learn.sparkfun.com/tour)  
*Information about the SparkFun National Tour.*

[www.usfirst.org](http://www.usfirst.org)  
*The home page FIRST Robotics.*

[www.solarcarchallenge.org](http://www.solarcarchallenge.org)  
*The home page for the Solar Car Challenge.*

[www.ni.com](http://www.ni.com)  
*The home page for the Solar Car Challenge.*

We will need learners to help set up and run the displays that evening.  
[Top of the Document](#)

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## STEM students' curiosity take flight at Lockheed Martin

Amy Roh Staff Writer.

Walking down the open space, pieces of metal and steel jut out on assembly lines, the wings and wheels of the airplane presented with careful precision. All the bits and pieces gleam under the overhead lights and the process of it all is enough to make the students marvel. Recently, the juniors and seniors of the [...]



[Read more...](#)

[Top of the Document](#)

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## ASCE Scholarship

The American Society of Civil Engineers (ASCE) Dallas Branch is now accepting applications for the G. B. Mann Scholarship. This scholarship opportunity is directed for graduating high school student who will pursue an undergraduate degree in Civil Engineering. I have attached a PDF copy of the application along with applicant reference forms.



The amount of the scholarship is a onetime payment of \$1000 and we will be awarding three qualifying applicants. The amount and number of scholarships are subject to change depending on funds availability.

The applicants are required to submit the following:

Official (Sealed) High School Transcript.

SAT / ACT results

Two (2) reference letters including the attached form to be sent directly to ASCE

Maximum 300-word essay. Topic listed in the application package.

Application and all supporting documents are to be submitted to

**ASCE – Dallas Branch  
c/o Scholarship Committee  
Hossein M. Hosseiny  
2595 Dallas Parkway  
Suite 204  
Frisco, TX 75034**

**All applications and supporting documents must be received by April 01, 2014.**

We look forward to receiving applications from your school districts. Should you or any of the applicants require assistance or additional information, please do not hesitate to contact me at [scholarship@dallasasce.org](mailto:scholarship@dallasasce.org)

[Top of the Document](#)

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## Booster Club Meeting

The monthly Booster Club Meeting will be on Tuesday, March 18 at 7:00 PM in Room D110. You may come in through the back door to the Fabrication lab.

Your participation and support for the Booster Club is vital to the success of the engineering program and the STEM Academy.

Please make plans to attend the meeting.

[Top of the Document](#)

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## Your child needs your help.

Your child needs your help. We have a number of volunteer needs this spring that must be filled in order for us to move forward on a number of opportunities. Please contact Mike Yakubovsky or Kay West ([president@chsengineerngboosters.com](mailto:president@chsengineerngboosters.com))



**ENGINEERING  
BOOSTER CLUB**



**ENGINEERING  
BOOSTER CLUB**

It is time for us to elect new Booster Club Board members. If you are interested in a position, please let us know. Current board members are also eligible.

- President
- Vice-President
- Secretary
- Treasurer
- Asst. Treasurer
- Webmaster
- Expo Coordinator
- Membership

The Engineering Expo is a major event for the program and a great way for the colleges to see what your child has achieved and the opportunities they have been a part of. It takes a number of people to put this on every year. The commitment is not great. It only takes a few hours at a time with enough people helping. We will have a retreat in a few weeks to go over all of the details so everyone knows what they are to expect. We truly need about 10 people to help us get started now, or we likely won't have an expo this fall.

Our annual Spring Banquet is around the corner and needs several volunteers to help with the arrangements, awards, and presentation.

Finally, the board would like to put on an ice cream social and showcase in May. At this showcase, our learners would show off some of the amazing things they have done this year and have the chance to compete for prizes. We need four or five people who can help us get this event together for our learners so they can show off their hard work this year.

Please contact Mike Yakubovsky or Kay West  
([president@chsengineeringboosters.com](mailto:president@chsengineeringboosters.com))

[Top of the Document](#)

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## Banquet

Mark your calendar now for the STEM/Engineering Spring Banquet. The Banquet will be Friday, April 25.



**ENGINEERING  
BOOSTER CLUB**

[Top of the Document](#)

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## Aggie-STEM Summer Camp

The Aggie center for Science, Technology, Engineering and Mathematics (STEM) is holding it's 5th annual summer camp for middle and high school students July 7th through 18th. The summer camp will give students real world experiences in STEM education through inquiry learning, improve SAT scores and provide a world class university experience with Texas



A&M University professors in STEM fields. Students will attend non-credit STEM classes by TAMU professors, Build 3D printer, Chemistry of Cosmetics, Safety Engineering, Construction Engineering, Circuit Design, Learn to use XtraNormal Animation Studio and Photo Story, Advanced Mathematics, Code and Coding Theory, Plant Biology, PSAT/SAT prep class, and a variety of social activities and local field trips. Students may choose from 3 different options, including the two-day camp options or the residence hall stay option. Registration begins immediately and ends May 10th or when filled.

For more information contact Shelly Grassinger or Niyazi Erdogan at (979) 862-4665.

Registration:

<http://aggiestem.tamu.edu/summer-camp-registration>

[Top of the Document](#)

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## Seniors

**Scholarship Total: \$125,500**

### **Pridthvika C.**

Accepted to:

**Texas Tech University**

### **Kenzie H.**

Accepted to:

**University of Texas, Dallas**

**Embry Riddle Aeronautical University**

## **Blake H.**

Accepted to:

Texas Tech University

Purdue University

## **Clayton H.**

Accepted to:

Colorado School of Mines

Oklahoma State University

## **Braeden K.**

Accepted to:

University of Texas, Austin

## **Mukundan K.**

Accepted to:

Texas A&M University

Purdue University

University of Texas, Dallas

University of Illinois, Urbana-Champaign

## **Hunter L.**

Accepted to:

University of Alabama

## **Nicolas M.**

Accepted to:

Texas Tech

University of Texas, Arlington

University of Texas, Dallas

## **Matt M.**

Accepted to:

**Texas A&M**

**Texas Tech University**

**Oklahoma State University**

**University of Texas, Austin**

## **Sam M.**

Accepted to:

**University of Alabama, Huntsville**

## **Philip S.**

Accepted to:

**Iowa State University**

**Texas Tech University**

**University of Texas, Arlington**

Help us keep this up to date and correct. Please let us know of all scholarship offers and college acceptances.