

## In This Issue

- TAMU Expo
- Lockheed Trip
- Booster Club Meeting
- Solar Car Workshop
- GIGA WOT Meeting

## Upcoming Dates

- Jan 18-19 – Solar Car Workshop
- Jan 21 – Booster Club Meeting
- Jan 22 – Lockheed Field Trip
- Jan 22 – GIGA WOT meeting

## Links

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

## Acronyms

- [EBC – Engineering Booster Club](#)
- [STEM – Science, Technology, Engineering & Math](#)
- [MOSAIC – Marvelous Opportunities Scheduled as Individual Courses](#)
- [FRC – FIRST Robotics Challenge](#)

## Texas A&M Engineering Expo

The Texas A&M Engineering Expo is a team/individual design competition held for elementary through high school students in Texas. A unique aspect to the Expo is that students get to choose which engineering design competition they would like to participate in, during the registration process. The students are then provided with a real world problem and are given a specific time frame to design and construct an invention that solves the selected challenge.

The event encompasses 5 different types of engineering disciplines with roughly 1,000 students participating from all over the state of Texas.



More information is in the attached flyer

[Top of the Document](#)

---

## Lockheed Field Trip

We will be going to Lockheed Martin on Wednesday, 1/22 with the STEM



Academy juniors and seniors. Please make sure that your money for the bus (\$10) and semester grade check forms are turned in this week.

We will leave from the horseshoe at 8:30 AM and return at 2:30 PM.

Everyone will need to either bring their lunch or money to buy lunch there at the facility. It should cost about \$10.

A reminder from Lockheed: “Please leave any cameras, laptops, or cell phones at home, school, or on the bus once you arrive at the facility.

### 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.*

There is a strict no recording policy at the facility and any device which is seen to be recording will be confiscated and likely destroyed.”

All learners need to dress appropriately in either business casual or jeans and a nice, clean STEM Academy shirt. No shorts.

[Top of the Document](#)

---

## Booster Club Meeting

The monthly Booster Club Meeting will be on Tuesday, January 21 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](#)

---



**ENGINEERING  
BOOSTER CLUB**

## Solar Car Specialty Workshop

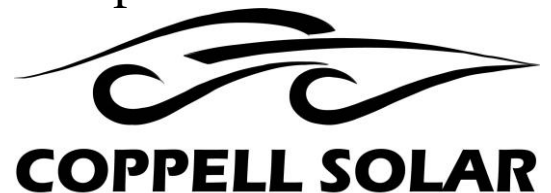
The solar car team will be attending the Solar Car Challenge Specialty Workshop this weekend 1/18-1/19. The workshop will go over all sorts of information for team members, mentors, and interested parties.

We will meet at CHS by the Fabrication Lab and leave at 7:30 Saturday morning. All team members need to attend both days. You may dress comfortably, but please be professional. The rooms at the hotel tend to be quite cool. You will need something to take notes with.

<http://www.solarcarchallenge.org/challenge/workshop.shtml#specialty>

[Top of the Document](#)

---



**STEM Girls Club**

Hello stem girls, this email is about the new club (CHS GIGA WOT club AKA girls interested greatly in the world of technology) who's first meeting will be the first week, after exams, of the new semester [on Wednesday \(1/22/14\)](#) at 4:05 to 5:00 pm in C124.

This club is for **girls only**. For those who are interested in STEM (Science Technology Engineering and Mathematics). Also any girls interested in any other subject related to the ones listed. We want this club to be filled with your ideas and we want you to be able to do what you want. So at our first meeting we will be getting ourselves organized with ideas of what we want to do for the rest of the year. I hope you plan on joining and I can't wait to see you there.

If you have any questions please email [acw2052@g.coppellisd.com](mailto:acw2052@g.coppellisd.com).  
Thank you,  
Amanda

[Top of the Document](#)

---

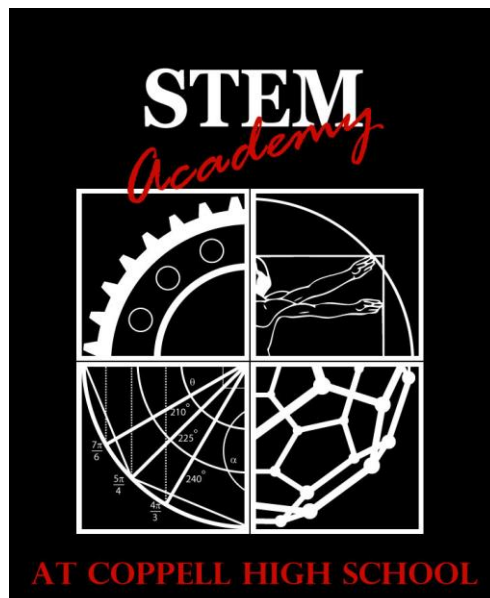
## Registration

2014-2015 Registration is scheduled to begin next week 1/21. For the most part, the STEM course guide is similar to the 2013-2014 guide. There are a few modifications, but nothing major.

All learners taking STEM next year need to meet with either Mr. Yakubovsky or Ms. Caussey prior to turning in their forms to make sure that everyone has the right courses selected. The counselors are requiring this to help speed up the scheduling process and reduce scheduling errors.

[Top of the Document](#)

---



## Seniors

### 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

### 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

### 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.