



monthly - February

Quarter 3 Projects: Final Projects for MESA Day Competition
Due: Thursday, March 8, 2018

Projects: Past, Present & Future

What's more fun than building a MESA project? Testing it, of course! During the month of January, MESA students turned in their second projects, completed specification checks, and presented, tested, or competed with their submitted projects at the school level. Students who placed 1st, 2nd, or 3rd at the school level competitions earned the right to compete at the MESA Day competition at Fresno State on March 10, 2018.

Congratulations to **Noble Kahlon/Ethan Gonzalez** and **Brenden Tackett/Nathaneal Gong**, who placed 1st and 2nd consecutively in the mousetrap speed competition. Third place was not awarded since the other teams did not make it to the finish line. Good work, mousetrap contenders! The new MESA think Tank competition brought in some really good ideas for the next Mesa project. Congratulations to our top three project contenders: **Caitlin Unruh/Sophia Guzman/Ethan Guerrero** taking 1st place, **Lily DeMaris/Yanitza Serrano** took 2nd place, and **Ryan Long/ Emily Lo/Natalie Wood** took 3rd Place. Rounding out our competitions was the new Rube Goldberg hacky sack launch project. Our teams came up with excellent devices that were able to launch a projectile over 30 feet, demonstrating multiple mechanical actions and various types of energy used to propel the hacky sack. In this competition, the team of **Adam Erickson/Caleb Bahne/Tanner Rosales** took 1st place, **Kamryn Ewert/Jenna Salazar/Faith Davis** took 2nd place, and **Trista Fry/Alyson Johnson/Kaelynn Alves** took 3rd place.

As of this time, all students have identified their FINAL competition projects in preparation for MESA Day, and we will be providing class time during the next many MESA class periods for students to work on engineering a highly competitive project for the MESA Day competition. These projects are DUE **March 8, 2018**; therefore, it is **HIGHLY RECOMMENDED and ENCOURAGED** for all students to continue working on these projects at home to be fully prepared for the competition.

For ALL competitors, please remember your completed team notebooks/lab reports are *due Friday, February 23rd* so they may be turned in at the Saturday Academy **ON SATURDAY, FEBRUARY 24th**

Quarter 3: Since it is a main objective for *all* MESA elective students to compete in at least one contest on MESA Day, students have recently decided with which project(s) they will participate. The guidelines for competition are as follows:

- a) *students must work on an open project, or on a previously-secured competition position for MESA Day, and*
- b) *all work must meet deadlines as given in class, including the final due date of **Thursday, March 8, 2018.***

If you have any questions regarding the Quarter 3 project or its requirements, please do not hesitate to contact one of us at cboyd@kesd.org or cbennett@kesd.org.

Please clip, sign and return this portion of the MESA Monthly



I have reviewed the information contained in this month's issue of the MESA Monthly.

Student Name _____ **Parent Signature** _____

I CAN chaperone at the next Saturday Academy. If **yes print name and phone number**

Name: _____

I cannot chaperone at the next Saturday Academy

Saturday Academy ~ Fast Facts:

Date: Saturday, February 24, 2018

Time: 7:15 a.m., then returning by 3:30 p.m.

Place: KHS parking lot, then travel by bus to CSU Fresno

Why: Hands-on academic experience with engineering concepts in preparation of MESA Day project work, and exposure to a collegial atmosphere

What: Experience a college campus first-hand, attend free workshops focused on math and science concepts through engineering design, and enjoy a FREE pizza lunch!

Who: Any student currently a) enrolled as a MESA student with CSU Fresno MESA Center and
b) having a completed and returned bus permission form

Reminders:

1. It is a **mandatory requirement** for all **MESA elective students** to attend at least two Saturday Academy dates.
2. It is also **mandatory** for all MESA students to attend at least two Saturday Academy dates in order to compete in the preliminary competition on March 10, 2018 at CSU Fresno.
3. We are in need of **parent chaperones** to assist. Sign up on the front page if you can help out!

MESA Elective Class – Next Year

7th graders....Be sure to pick up an application for next year's MESA Elective Class. It is mandatory to re-apply every year. Don't procrastinate. See Mrs. Boyd for an application so that you can be considered for next year's class.

Ready for a College Road Trip?

The itinerary has been set for Wednesday, April 11th! We will take the charter bus to UCLA and Cal State Northridge. Fliers and permission slips will be sent out soon. It will be a great trip! More to come.....

IMPORTANT UPCOMING DATES

Here are some important MESA dates to take note of. Please place them on your calendar!

February 24th	<i>Project Notebooks Due</i>	(Hand-carried to MESA Director at S.A. #3)
February 24th	<i>Final Saturday Academy</i>	(travel by KHS bus)
March 10th	<i>MESA Day Preliminary Competition</i>	(students may qualify for regionals)
April 11th	<i>MESA College Road Trip</i>	(Sign Ups SOON!)
April 21st	<i>Regional MESA Day Competition</i>	(UC Santa Barbara – Bus leaves from CSUF)

RJJH
MESA Leadership
2017 - 2018

Sam Chappell

Adam Erickson

Noble Kahlon

Maria Nunez

Jenna Salazar

Ava Westerling