



monthly – October 2017

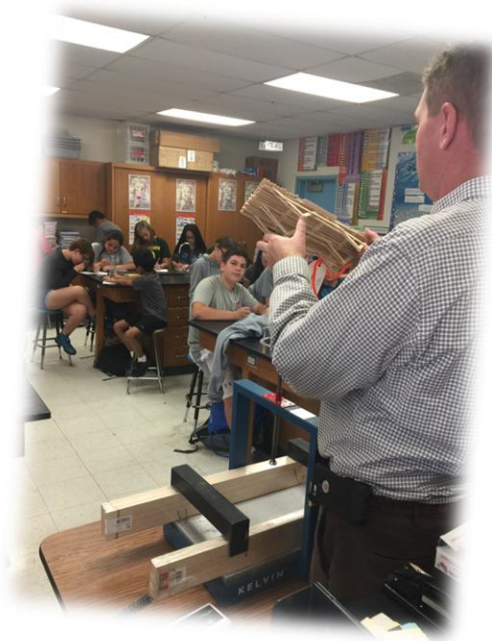
www.rjjhmesa.weebly.com

Project: LEGO Robotics / Prosthetic Arm / Wright Stuff Glider
DUE DATE: November 17, 2017

Project #1 is Complete!

Our very first MESA project is now complete! The project began with a quick round of “Speed Buddies,” where new MESA students interviewed our MESA veterans about their experiences and successes as a MESA student and selected their top three choices for a partner. Mr. Bennett & Mrs. Boyd then partnered students up with one of their three choices, and students began working as “Bridge Buddies” to study the rules, take a rules quiz, draw orthographic drawings of their bridge, and build their bridge – documenting each step along the way in their MESA Journal. Two weeks ago our CSUF MESA Director, Beatrice Prieto came to RJJH to perform specification checks and test our students’ bridge strength-to-weight ratios. As all of our MESA students now know, even passing the spec check is a HUGE accomplishment. There are many technical rules to follow in this competition, and one rule that is not followed will result in a disqualification. As a matter of fact, out of our 24 bridges, **only seven passed the specification check!** A special “shout-out” to our bridge buddy teams who passed spec AND placed in this competition:

1st Place: *Ethan Garcia / Adam Erickson*, **2nd Place:** *Isacc Obert / Sam Chappell*, **3rd Place:** *Elijah Rice / Caleb Bahne*. **Other qualifying bridges:** *Ryan Long / Ethan Guerrero, Noble Kahlon / Bellaray Roque, Faith Davis / Kaylynn Alves, Tanner Rosales / Christian Morales*. Well done, bridge buddies! Congratulations on your accomplishments.



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

Student Name _____ Parent Signature: _____

1st Saturday Academy ~ Fast Facts:

Date: Saturday, October 21, 2017

Time: 7:11 a.m. SHARP, then returning between 3:00 - 4:00 p.m.

Place: KHS gym parking lot, then travel by KHS 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 lunch! **[please wear your RJJH MESA t-shirt!]**

Who: Any student currently a) enrolled as a MESA student with CSU Fresno MESA Center, and b) has a completed and returned parent permission form to ride the KHS bus

Reminders:

1. It is a ***mandatory requirement*** for all **MESA elective students** to attend *at least two* Saturday Academy dates.
2. The dates for upcoming Saturday Academies are as follows: **12/2/17**, and **2/24/18**. We will post reminders for sign up cut-off dates as they draw near.

****We have 16 Chaperones signed up to help lead and guide students this weekend. FANTASTIC!!!****

Catalina Island Marine Institute News!

For the MESA students registered to attend the Catalina Island Marine Institute (CIMI) trip, please consider the following important facts as you prepare for your trip:

1. You are responsible for speaking with your teachers and getting your assignments in advance of the trip. Your assignment for MESA is to fully complete and return the Absent Work Contract given to you last Friday. This is ***due Monday, November 13th***.
2. We will be leaving after school the afternoon of Tuesday, October 31st at 3:30 p.m.! Plan on packing your bag the night before so you will be prepared to roll out of town quickly that day.
3. You will need to pack Wednesday's lunch for the road (non-perishables, please!) – all other meals are included in the cost of the trip, including dinner on the way down Tuesday evening. If you'd like to bring some extra spending money for the CIMI store and/or incidentals, you may do so.

RJJH
MESA Leadership

2017 - 2018

Sam Chappell

Adam Erickson

Noble Kahlon

Maria Nunez

Jenna Salazar

Ava Westerling