



# STEM NIGHT@HES

## THE WHAT?

To provide our students with a night filled with wonder and discovery!

## THE WHY?

To promote scientific inquiry, the engineering design process and the upcoming Next Generation Science Standards

## THE HOW?

By showcasing the hands-on learning that is happening in our classrooms  
By inviting our community partners to share their areas of expertise

## THE WHO?

**FACULTY** – Make connections to our various stakeholders.

**PARENTS** – Facilitate your child(ren) in their journey.

**COMMUNITY**- To enjoy our Haha‘ione Ohana

## THE WHEN

Make & Take It Booths

Cool Demonstrations!

STAR WARS Costume Contest

[www.SignUpGenius.com/go/60B0B4AACAC2EA3F58-maythe](http://www.SignUpGenius.com/go/60B0B4AACAC2EA3F58-maythe)

Mousetrap Landspeeder Exhibition

<http://www.signupgenius.com/go/60b0b4aacac2ea3f58-mouse>

***First 150 people will get a free slice of pizza and a drink.***

***Compliments of our legendary PTSA!***

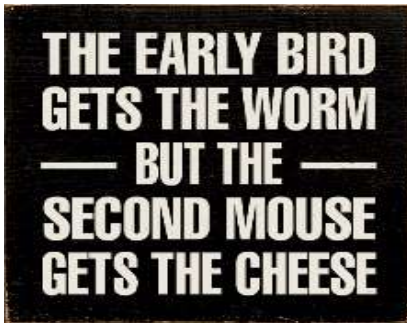
May 4<sup>th</sup>, 2018 from 5 to 8 pm.



## Mousetrap “Landspeeder” Exhibition

WHICH IB LEARNER PROFILE TRAITS THAT THE MOUSE ON THE RIGHT DISPLAYING UP TO THE MOMENT THAT THE PHOTOGRAPH WAS TAKEN. BE PREPARED TO EXPLAIN YOUR THINKING.

**KNOWLEDGABLE – RISK-TAKER – REFLECTIVE – CARING - PRINCIPLED –  
OPEN-MINDED – THINKER – BALANCED - COMMUNICATOR – INQUIRER**



**Problem:** After all of the IB traits that the mouse with the red helmet has exhibited, it would be a shame for him/her to lose its prize because of a silly quote.

**Challenge:** Design and build a mode of transportation that will allow the early mouse to get as far away from the cheese getting, second mouse.

**Criteria:** Rules or directions that must be followed.

- All participants must register between April 13-24.  
[www.SignUpGenius.com/go/60B0B4AACAC2EA3F58-mouse](http://www.SignUpGenius.com/go/60B0B4AACAC2EA3F58-mouse)
- Adult assistance may be no greater than 50% of the final product

**Constraints:** Restrictions that keep something from being the best that it can be.

- Vehicle must fit entirely into a shoebox with cover.
- The elastic potential energy of the spring must be used to drive the speeder.
- No wheels shall be used as “wheels.”

*The first 20 participants get a free, unused mousetrap. I will also be available to answer any questions and/or make limited tools/materials available to you per request.*

*Please feel free to call 808-778-8111 if you have any questions*

