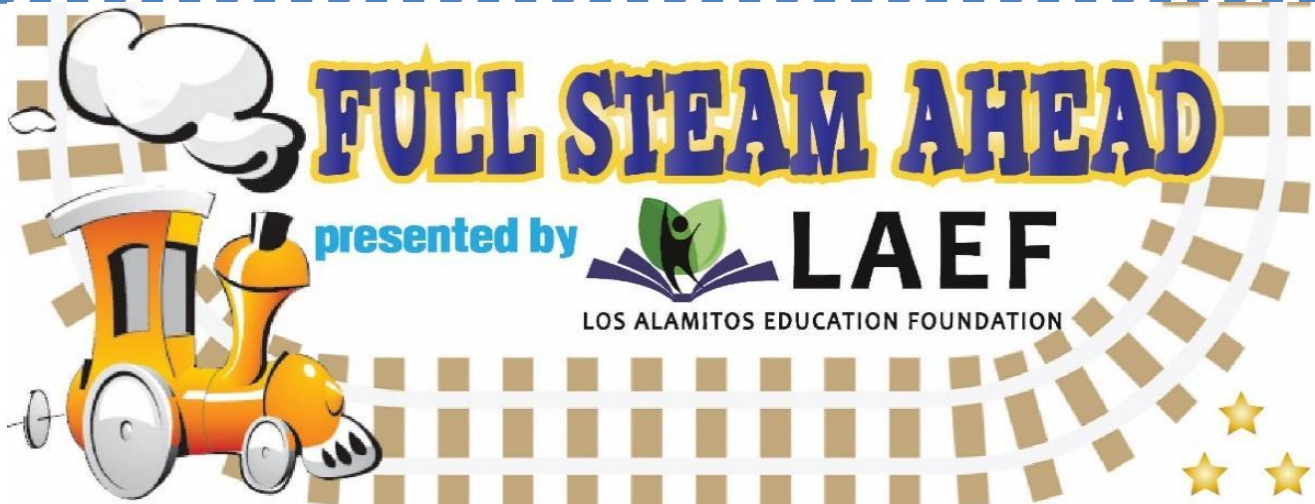


FREE LAEF PROGRAM!

There is no charge for the STEAM program due to proceeds from the King and Queen of Hearts campaign!



All Lee students are invited to join in the fun and create a project for the
4th annual district-wide...

STEAM Fair/Showcase!!!

What is a STEAM Project?

(S = Science, T = Technology, E = Engineering, A = The Arts, M = Math)

Are you curious about the world around you and how things work? Do you have an idea for an invention or a way to improve something that already exists? Do you have an interest or real-life experience that you want to use STEAM to understand more? If so, then the STEAM Fair is for you!

Important Dates:

- Sign-up through this Google Form by April 6th!
<https://goo.gl/forms/OHrYpmpvHcPnQvxg2>
- Free (Optional) Project Guidance Classes will be held at Lee Elementary in the media center from 2:30-4:00 on 4/9, 4/23, 4/30, 5/7, and 5/14 (details below).
- District STEAM Fair/Showcase @ Los Alamitos High School Gym
 - Saturday, May 19th 10:00-12:00
- STEAM Fair/Showcase @ Lee Elementary
 - Monday, May 21st 8:15-9:40

Project Guidance Class Information:

- ❖ *Note: These classes are optional. Students may complete projects on their own at home and still participate in the fair/showcase!*

Location: Lee Media Center

Time: 2:30-4:00

Instructors: Mrs. Chambers & Mrs. Fraytet

Date	Topic
April 9	Idea Generating, Research, & Planning
April 23	Project Workshop Time – Bring your supplies
April 30	Project Workshop Time – Bring your supplies
May 7	Project Workshop Time – Bring your supplies
May 14	Make your display board & Presenting tips

A Note to Parents:

- ❖ The workshops are designed to support students with their projects and provide time to work, however, they will most likely need some additional time at home.
- ❖ Your child will be responsible for gathering project materials and bringing them to class.
- ❖ All students will receive a display board (thank you LAEF!)
- ❖ Student safety is of the utmost importance to LAEF! Projects should avoid student contact with chemicals, drugs, machinery, highly flammable materials, open flames, electricity and/or live animals.

Resources:

- ❖ Project Ideas: <http://www.leelab4kids.com/makerspace-and-steam.html>
- ❖ [The Engineering Design Process](#) - use this process if doing an engineering project. Handy [worksheet](#) to record information.
- ❖ [The Scientific Method](#) - use this process if doing a scientific experiment. Handy [worksheet](#) to record information.
- ❖ [Display Board and presentation tips](#)
- ❖ Need inspiration? Check out these pictures (and video!) from previous Lee STEAM Fairs: <https://sites.google.com/losal.org/studentprojectgallery/steam-fairs>

Questions:

Contact Mrs. Chambers mchambers@losal.org or Mrs. Fraytet elisateach@yahoo.com

***LAEF thanks Andeavor for their generous
Robotics grant!**

