

FREE LAEF PROGRAM!

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



Sign-up for the STEAM Showcase/McGaugh Fair and Classes at www.LAEF4Kids.org/STEAM!

Join in the fun and create a project for the STEAM Fair at McGaugh!

Date: **Tuesday, April 11th**

Time: 12:10pm-2:30pm

Purpose: Share your project with all the other kids and teachers at school!

What is a STEAM (S = Science, T = Technology, E = Engineering, A = The Arts, M = Math) Project?

Are you curious about the world around you? 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 fair and showcase are for you!

Why? Kids care. Kids share. Kids celebrate at the STEAM fair!

Who? McGaugh Students in **Grades K-5** can participate in the fair/Showcase. Students in grades 2-5 can sign up for STEAM classes, (see below). *Kids Korner* kids are strongly encouraged to participate!

ALL STEAM creators are invited to share what they did at the 3rd district-wide...

STEAM Showcase!!!

Saturday, May 20th from 10:00 a.m. -12:00 noon at the Los Alamitos High School Gym

Purpose: share your project AGAIN with families, the community, and kids of all ages from all schools!

How?

1. Sign up for the FREE classes (**for grades 2-5**) led by STEAM teachers. March 20, 27 & April 3, 10 from 2:20-4:00pm in the media center at McGaugh. **McGaugh's very own May Samari will be the lead STEAM teacher.**
2. Help your child brainstorm problems that need solutions or questions they can explore.
3. Sign up to include your child's project in the STEAM Fair/Showcase at www.LAEF4Kids.org/steam.

*For those creating NEW LAEF ACCOUNTS: while classes and fair participation are free of charge, our system requires that you provide credit card information to secure registration. You will NOT be charged, but your registration will be dropped if a credit card isn't on file! We are very sorry for the inconvenience.

***LAEF thanks the Tesoro Foundation for their generous Robotics grant!**

See the reverse of this page for more details!

STEAM Projects

Get all the details in the STEAM Project Criteria document at www.LAEF4Kids.org/steam

Choose A Theme:

Robotics	Wearable design
Environmental Innovation	Invention
Scientific Inquiry	Rube Goldberg
Reverse Engineering	

-Try to involve as many STEAM areas in your project as possible! Be creative!

Need an idea? Visit <http://www.losalusd.k12.ca.us/domain/1422>.

Projects should pose a problem or a question. Then you can investigate your question or come up with an invention design to solve the problem.

Conduct Research: learn about the subject(s) involved with your project; what do people already know?

Design Your Project or Conduct an Experiment: Collect data if that applies. What did you learn through this process? Did it go the way you planned? Why or why not?

Project Presentation: be ready to have a conversation with others about your project and sell your idea!

I'm in! Now what do I do?

- All ages are welcome to join the fun!
- You can do a project by yourself, in a pair, or in groups of three!
- Attend FREE CLASSES with the LAEF STEAM Teacher if you have a student in **grades 2 - 5!** This will help you come up with a project and then guide you along the way.

Free workshop dates: Four Mondays in March 20, 27 & April 3, 10 From 2:20-4:00pm @ McGaugh media center

- Officially enter your STEAM Fair by going to www.LAEF4Kids.org/steam to sign up! There is no entry fee! You will automatically be invited to the STEAM Showcase too!
 - For those creating NEW LAEF ACCOUNTS: while classes and fair participation are free of charge, our system requires that you provide credit card information to secure registration. You will NOT be charged, but your registration will be dropped if a credit card isn't on file! We are very sorry for the inconvenience.
- At the STEAM Showcase, you will be awarded for your effort and participation!
- Scholarships are available for project supplies – go to www.LAEF4Kids.org/scholarships for more information!

A Note to Parents:

- Let your child do this project; please do not provide too much assistance! The workshops are designed to support students with their projects but students will most likely need more time at home to complete their project. Families, you will need to gather materials for your child's project before the workshops start on Monday, March 27th.
- 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.

LAEF is proud to partner with Earth Friendly Products Company - ECOS located in Cypress. There will be a presentation from the Keynote Speaker - Director of the Product Development, Jenna Arkin at the STEAM Showcase.