County-wide STEM Projects are kicking off in February!

**Pinewood Derby**
Project Leaders: Michelle and Troy Good
troygood@gmail.com
Where: 2156 Sierra Way, SLO (4-H Office)
Ages: All welcome (includes primary members)
Contact Troy prior to first meeting to ensure there are enough materials
Time: 10am - Noon
Dates: Sundays February 25, March 18, April 29, May 20
Race Day: County Field Day, Saturday June 2, 2018

**Robotics**
Project Leaders: Dennis Derickson
dericks@calpoly.edu
Where: Cal Poly, Building 20A lobby
Ages: 10 & up
Time: 5:30pm - 7:30pm
Meeting 1:
   - Friday, February 2, 2018
   - Introduction to Robotics:
     - Introduction to VEX robots and scribbler robots
     (depending on age).

All are welcome independent of the club projects you have signed up for. Parents/Guardians are welcome to stay the duration of each meeting to help out and participate.
SLO COUNTY 4-H UPDATES

The President’s Volunteer Service Award program is continuing for our current 4-H Program Year. The form can be downloaded at: http://ucanr.edu/sites/slo4-h/Club_Forms/

Scroll down to the President’s Volunteer Service award, click on it to download the MS Word Version of this document. You must be a member in good standing with the UC ANR 4-H Youth Development Program in San Luis Obispo County for the 2017-2018 4-H Program Year to receive this award.

SAVE THE DATE!
Primary Member Field Day
(4-H members Ages 5-8)
Saturday, April 14th
9:00 a.m. - Noon
UCCE Auditorium in SLO

By John Sims, UC ANR
AA Compliance Officer
County-wide STEM Projects are kicking off in February!

Robotics continued
Meeting 2:
  Friday, March 2, 2018
  Build to Robots:
  Continue building robots and learn how to program them.

Meeting 3:
  Friday, April 6, 2018
  Build to Robots part 2: Continue building robots programing them.

Meeting 4:
  Friday, May 4, 2018
  Competition Practice: Practice the robot competition for State Field Day.

Meeting 5:
  Competition Day @ UC DAVIS
  State 4-H Robotics Competition
  Saturday, June 2, 2018
  Time: 11:00AM - 1:00 PM
  Location: Lawn outside UC Davis Wellman Hall
  Description: Everyone will get Certificates of Achievement for entering the State 4-H Robotics event.

All are welcome independent of the club projects you have signed up for. Parents/Guardians are welcome to stay the duration of each meeting to help out and participate.
**Rocketry**

Project Leaders: Ty Safreno  
(805) 459-2955  
ty.safreno@trustautomation.com

Where: 19500 Walnut Ave, Atascadero, CA 93422  
Ages: 11 & up  
Time: 1:00 – 3:00 pm

Meeting 1:  
Sunday, February 4, 2018  
Kick-off of County Wide Rocketry.  
Why Rockets Fly – Start of Kits

Meeting 2:  
Sunday, March 4, 2018  
Rocket Engines, Build, Launch if conditions allow

Meeting 3:  
Sunday, April 8, 2018  
second Sunday of the month  
Launch Rockets, morning arrival for those helping with group rocket

Meeting 4:  
Saturday, May 19, 2018  
**ALL DAY** (travel to Fresno, Major Rocket Activity, LDRS)  
Launch Rockets, see other Amateur rocketry projects.  
Talk with others in hobby

All are welcome independent of the club projects you have signed up for. Parents/Guardians are welcome to stay the duration of each meeting to help out and participate.
Come join the 4-H county-wide Science, Technology, Engineering, Math (STEM)/Robotics events. All are welcome independent of the projects you have signed up for. Go to one event or as many as you can make. Parents/Sponsors are welcome to stay the duration of each event to help out and participate.

**Event 1: Rockets Day**
Date: Saturday, Jan. 6, 2018  
Time: 3:00PM  
Location: Derickson Residence  
8735 San Rafael Road, Atascadero, CA 93422  
Description: We will build and fly Estes Rockets all in a two (2) hour period. All are Welcome and this is intended to be a fun and educational event.

**Event 2: Introduction to Robotics Day**
Date: Friday, Feb. 2, 2018  
Time: 5:30PM-7:30PM  
Location: Building 20A at Cal Poly  
Description: I will introduce you to both VEX robots and scribbler robots (depending on age). The short term goal is to learn about Robotics. The long term goal is to possibly enter the State 4-H robotics event on June 2, 2018.

**Event 3: Build Robots Day**
Date: Friday, March 2, 2018  
Time: 5:30PM to 7:30PM  
Location: Building 20A lobby at Cal Poly  
Description. We will continue building robots and learn how to program them.

**Event 4: Build Robots Day**
Date: Friday, April 6, 2018  
Time: 5:30PM to 7:30PM  
Location: Building 20A lobby at Cal Poly  
Description. We will continue building robots and learn how to program them.

**Event 5: Build Robots Day**
Date: Friday, May 4th, 2018  
Time: 5:30PM to 7:30PM  
Location: Building 20A lobby at Cal Poly  
Description. Practice the robot competition for State Field Day

**Event 6: Enter State 4-H Robotics Competition at UC Davis**
Date: Saturday, June 2, 2018  
Time: 11:00AM to 1:00 PM  
Location: Lawn outside UC Davis Wellman Hall  
Description: Everyone will get Certificates of Achievement for entering the State 4-H Robotics event.
February 24, 2018

CAMPERS’ AND BACKPACKERS’ DELIGHT

Food for the Trail and Beyond

This class is devoted to dehydration. The basics will be covered including how to dehydrate different foods including those best suited for backpacking and camping! Register at:

http://ucanr.edu/dehydration

APRIL 28, 2018

FLAVORS FROM AROUND THE WORLD

Condiments and Chutneys

Come and learn how to make your own condiments and chutneys as we travel around the globe through flavor. Register at:

http://ucanr.edu/condiments

UC Cooperative Extension Master
Food Preservers of San Luis Obispo and Santa Barbara Counties

Winter/Spring 2018 Class Schedule

Pre-registration Suggested

$5.00 Class Fee Payable at the Door

All Classes are held at:

UCCE AUDITORIUM
2156 Sierra Way
San Luis Obispo, CA 93401
(805) 781-1429
slomfp@ucanr.edu
2017—2018 Emerald Star Project: REVISED REQUESTS FOR “Purses Full of Essentials”

Our Emerald Star Project is to provide a purse full of small essential items to women in need.

We need empty, gently-used Purses and these 5 Items:

The 5 Items we would like to get donated are:
- 1) Hotel/travel shampoo/conditioner,
- 2) Lotion,
- 3) Soap,
- 4) Toothbrushes/Toothpaste
- 5) Socks

♦ A Donation Box is available at the 4-H Office and each month 4-H members can contribute at their Monthly 4-H Club General Meetings and at 4-H County events—Presentation Day is coming up on 2/3/18 see Calendar Page.

♦ We will need 4-H members to assist us in assembling the Purses at the Food & Arts Celebration on April 28th.

Contact information:
Cerro Alto 4-H Members

Amber Quick, iceehorse@yahoo.com or 805-610-1682

Cosette Gibler, skidoocrg@gmail.com or 805-538-8864
The 2018 San Luis Obispo County Fashion Revue is scheduled for Saturday, April 28, 2018 at Laguna Middle School in San Luis Obispo. This year we have some creative new (and returning) categories!

The State qualifying Categories for 2018 are:
- Traditional
- Up Cycled
- See It, Sew It  *new this year*
- Retro / Vintage Challenge  *new this year*
- Consumer Science $40 Purchase *OPEN to ALL 4-H members NO Sewing Project Required!*

The “County Only” Categories for 2018 are:
- Novice  OPEN to Junior, Intermediate, and Senior first time sewers
  (sorry, not open to Primary Members Ages 5—8)
- Poster / Collage

4-H Members enrolled in a Sewing Project may enter more than one category. Any 4-H member in good standing may enter the Consumer Science $40 Purchase Category.

Registration for the event will be Online (new entry procedure this year) and is due April 11.

The garments, commentary, and other category requirements are due April 25.

See the 2018 Fashion Revue packet for more information (that will be posted on the county website soon) and have fun sewing!

More FAC information will be forthcoming in the March newsletter.
4-H SHOOTING SPORTS TRAININGS NEWS

San Luis Obispo County 4-H Youth Development—Program Development Board
Jack Crane, Shooting Sports Key Leader

Contact Jack Crane at Phone: (805) 458-4223 or Email: jack@accuair.com or the 4-H Office at 781-5941 if you would like more information.

4-H Shooting Sports Workshops

4-H Western Heritage Discipline
Bakersfield, CA – Kern County
Saturday, February 24, 2018 – 8:00 a.m. – 6:00 p.m.
Sunday, February 25, 2018 – 8:00 a.m. – 4:00 p.m.

A 4-H shooting sports workshop for the 4-H Western Heritage discipline will be held at the Five Dogs Range (www.5dogsrange.com/) 20238 Woody Road outside of Bakersfield. The 4-H Western Heritage Project is a combination of 4-H Shooting Sports and a living history of the frontier west from 1860 – 1900 (http://www.4hwesternheritageproject.org/). Participants must attend both days of training to receive certification. Upon successful completion of the course, the participant will be certified as a project leader and can lead the 4-H Western Heritage project. Teen leaders are invited but must attend with an adult or have a certified shooting sports adult leader they will be assisting back home. Lodging is available in Bakersfield just 21 miles from the range, at Hwy 65 and Merle Haggard Drive. Contact Tammy Lindley below for more information.

You will need to bring the following items with you: a sack lunch or $10 for a hot dog lunch at the range, eye & ear protection.

To register, please complete and mail the “CA 4-H Shooting Sports Training Request and Registration Form” available at http://4h.ucanr.edu/files/4785.pdf with an adult
http://4h.ucanr.edu/files/20100.pdf or youth 4h.ucanr.edu/files/4726.pdf 4-H medical release form and a $50 check payable to “Glennville 4-H” and mail to PO Box 335, Glennville CA, 93226. Registration is due February 15th, before your class (10 days prior), and space is limited to 10 attendees.

For more information, contact Tammy Lindley at 661-301-7094 or email: tammylindley@icloud.com

Rifle Discipline
Bakersfield, CA

Saturday, March 10, 2018 – 8:00 a.m. – 6:00 p.m.
Sunday, March 11, 2018 – 8:00 a.m. – 4:00 p.m.

A 4-H shooting sports workshop for the rifle discipline will be held at the UC Cooperative Extension Office, 1031 S. Mt. Vernon Avenue in Bakersfield. Participants must attend both days of training to receive certification. Upon successful completion of the course, the participant will be certified as a rifle trainer and can lead a rifle project at the club level or serve as county trainer to certify other leaders. There is no cost for the course. To register for the course or receive more information, contact John Borba at: jaborba@ucanr.edu

Shotgun Discipline
Bakersfield, CA – Kern County
Saturday, April 14, 2018 – 9:00 a.m. – 5:00 p.m.
Sunday, April 15, 2018 – 9:00 a.m. – 5:00 p.m.

A 4-H shooting sports workshop for the shotgun discipline will be held at the Five Dogs Range (www.5dogsrange.com/) 20238 Woody Road outside of Bakersfield. Participants must attend both days of training to receive certification. Upon successful completion of the course, the participant will be certified as a project leader and can lead a 4-H shotgun shooting sports project. Teen leaders are invited but must attend with an adult or have a certified shooting sports adult leader they will be assisting back home. Lodging is available in Bakersfield just 21 miles from the range, at Hwy 65 and Merle Haggard Drive. The cost for the course is $40 and includes all training materials, ammunition, targets, water, coffee, and range fees. You will need to bring the following items with you: a sack lunch or $10 for a hot dog lunch at the range, eye & ear protection, and a 12 or 20 gauge shotgun.

To register, please complete and mail the “CA 4-H Shooting Sports Training Request and Registration Form” available at http://4h.ucanr.edu/files/4785.pdf with an adult
http://4h.ucanr.edu/files/20100.pdf or youth 4h.ucanr.edu/files/4726.pdf 4-H medical release form and a $40 check payable to “Glennville 4-H” and mail to PO Box 335, Glennville CA, 93226. Registration is due February 15th, before your class (10 days prior), and space is limited to 6 attendees.

For more information, contact Tammy Lindley at 661-301-7094 or email: tammylindley@icloud.com

2018 State 4-H Shooting Sports Match is being hosted by Siskiyou County. Registration (Postmark) deadline is Friday, March 2, 2018.

Entry form, rules and registration information has been sent to the SLO County 4-H Shooting Sports Project Leaders. If you have any questions, contact the 4-H Program Lead, Dagmar Derickson at 781-5941.
Hippology Bowl

Many of our SLO County horse project members competed in January at our 3rd annual Hippology Bowl. Our Hippology Bowl competition consisted of a Club Team round followed by a Mixed Team round. It is a verbal knowledge competition with a fast paced question and answer style. Fun was had by all vying to be the first to buzz in to answer questions. Congratulations to our Creston horse group members on earning 1st place for Club teams for a 3rd year straight! A combined Huasna/Nipomo team earned 2nd place.

Judging Board Competition

This year a Judging Board Competition was added to our Hippology Bowl, and was coordinated by our Nipomo-Foothill horse project members. This is done on an individual basis: each member examined several horse knowledge Presentation Boards and placed the four possible answers in the best order.

Congratulations to our winners:

- 9 yrs: 1st Tyler, Nipomo Foothill; 2nd Marcus, Los Osos
- 10 yrs: 1st Tanner, Nipomo Foothill; 2nd Desiree, Huasna
- 11/12 yrs: 1st Elsie, Creston; 2nd Emily, Huasna; 3rd Gracie, Creston
- 13 yrs: 1st Ella, Creston; 2nd Sophia, Los Osos; 3rd Ian, Nipomo
- 14+ yrs: 1st Rachel, Los Osos; 2nd Grace, Edna; 3rd Jonah, Edna

Upcoming SLO County 4-H Horse Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/17/2018</td>
<td>Western &amp; Trail Clinic</td>
<td>Knudson Training Stables, Paso Robles</td>
</tr>
<tr>
<td>3/18/2018</td>
<td>Western Field Day Written/Riding Level Testing</td>
<td>Wranglerette Arena, Atascadero</td>
</tr>
<tr>
<td>3/18/2018</td>
<td>(Rain Date 3/25)</td>
<td></td>
</tr>
<tr>
<td>April 2018</td>
<td>English Jumping Clinic</td>
<td>TBD</td>
</tr>
<tr>
<td>4/29/2018</td>
<td>English Field Day Written/Riding Level Testing</td>
<td>Wranglerette Arena, Atascadero</td>
</tr>
<tr>
<td>5/16/2018</td>
<td>Salinas Valley Fair 4-H Horse Show</td>
<td>King City Fairgrounds <strong>OPEN TO ALL SLO County Horse Project Members</strong></td>
</tr>
</tbody>
</table>
In December, Santa Margarita 4-H enjoyed a wonderful Holiday Party. Each family brought a delicious dish to share while the Leadership Project provided the desserts. Officers Kendall, Sarafina, Kerrigan, Annika, and Korinne made lots of fun games. 4-Hers of all ages enjoyed playing and winning prizes. Most importantly, during the party, our Club made cards to bring cheer to the local convalescent home and collected over 30 warm jackets that were donated to Coats for Kids. It was a fun and memorable evening. Submitted by: Korinne J.

Parkfield 4-H: On Monday, Wednesday and Friday, we worked on the float for the Pioneer Day Parade. On Saturday, the 14th of October was Pioneer Day. Our Theme was “Forging New Frontiers.” Adison, Clayton, Caleb, Yelene, Ester, Jesus, Vicki, Deanna, Sophia, Santiago, Ann, Grace, Jasmine and Samantha attended Pioneer Day. We had a lot of fun building and riding the float. The float won 1st Place in the 4-H Division. Submitted by: Samantha L., Parkfield 4-H Club Reporter

Nipomo 4-H went to the Arroyo Grande care center on December 16th and sang Christmas carols. It was so much fun to see the smiles on the patient’s faces. Submitted by: Ashley Robinson Nipomo 4-H
### 4-H CLUB NEWS

**Rio Rancheros 4-H: Ending 2017**

Rio Rancheros 4-H finished the year of 2017 off donating to our community with not only food, but clothes and toys for all the young children who needed it. The kids of the group were extremely excited and willing to help in any way they could. The group also did quite a few fun things to celebrate the end of the year.

The first type of community service the group did was in November. The group held a canned food drive, which was all donated to Loaves & Fishes in Atascadero. Everybody brought cans to the meeting and we are very grateful they did, because it was just in time for Thanksgiving. The group has done this as an annual donation to Loaves and Fishes for many years.

In December, the group decided to help the Salvation Army and ring the bell at Vons on the 16th of December. This is the group’s second year volunteering for the Salvation Army and they intend to keep doing so. It not only helps the community, but it brings joy to the people who see children doing what they can to help.

The group also decided to volunteer for “Project Angel Tree” and bought four children new clothes and toys for Christmas. Everybody had fun finding out what kind of things the kids wanted, and got to pick out outfits for the them to have fun opening on Christmas.

Other than the community service, the group built and showed off a float in the Paso Robles Christmas Parade, which was pulled by Mike McCain in his 1947 Woody. The group worked for hours building, hanging decorations, and wrapping presents to put under the tree. This has also been a tradition, starting during Christmas of 2015. This was the first year the group has won first place in the 4-H category as well.

In conclusion, Rio Rancheros 4-H had a great year, and everyone is excited for what 2018 will bring.

---

**Pozo 4-H** collected donations for Coats for Kids, Toys for Tots and Loaves and Fishes at their December meeting. The food donations weighed 75 pounds! We also made cards for local soldiers who are not with their families at Christmas. Our members are very happy to be able to help our community.

*Submitted by: Kensington W.*
Ranchita Canyon 4-H Sheep Group finds a new Holiday Charity

Last month Ranchita Canyon 4-H Sheep Group donated to the Morph Project in SLO County.

The Morph Project is a new charity to help women, some with children, get back on their feet from addiction or being homeless. They provide haircuts, clothing and also get them counseling or social work. They have these events once a month. The Sheep Group collected toys and food that was given out to thirty women on Dec 3rd, 2017.

Nipomo 4-H - In November the Arts & Crafts group made ornaments for our service members. We also included snacks to put in the box, like fruit snacks and reindeer candy canes. We wrote letters and cards. We mailed the boxes off and they received them before Christmas.

Our group received a really special thank you postcard from "Andy," our contact overseas. They appreciated all we sent them. It brought big smiles to their faces. It is sad they couldn't be with their family, we wanted them to know we were thinking of them.

Submitted by: Sierra C. Nipomo 4-H/ Reporter
# SLO County 4-H Youth Development Program Calendar 2017-2018

COUNTY 4-H WEBSITE URL: [http://ucanr.edu/slo4h/](http://ucanr.edu/slo4h/)

## 2018 4-H PROGRAM YEAR

### FEBRUARY 2018
- 2 Intro to Robotics Day pg. 1
- 3 County Presentation Day, Cal Poly Ag Engineering Bldg.
- 4 Rocketry pg. 4
- 24 Master Food Preserver Class pg. 6
- 25 Pinewood Derby pg. 1

### MARCH 2018
- 2 Build Robots Day pg. 3
- 4 Rocketry pg. 4
- 18 Pinewood Derby pg. 1
- 24 Sectional/Area Presentation Day

### APRIL 2018
- 6 Build Robots Day pg. 3
- 8 Rocketry pg. 4
- 14 Primary Member Field Day, 9-Noon UCCE Auditorium, SLO
- 21 Cerro Alto Rabbit Show
- 21 Small Animal Level Testing All Species at Cerro Alto Rabbit Show
- 28 Food & Arts Celebration & Fashion Revue, SLO
- 28 Master Food Preserver Class pg. 6
- 29 Pinewood Derby pg. 1

### MAY 2018
- 4 Build Robots Day pg. 3
- 19 Rocketry Travel Day pg. 4

### JUNE 2018
- 2 SLO County 4-H Field Day Paso Robles Event Center
- 2 Pinewood Derby Race Day pg. 1
- 2 State 4-H Field Day, UC DAVIS & Enter Robot Competition

### JULY 2018
- 11-15 Santa Barbara Co. Fair
- 18-29 CA Mid-State Fair

### AUGUST 2018
- 17 Officer & Record Books Due

### SEPTEMBER 2018
- 7 County Record Book Judging
- 8 County Record Book Judging

### OCTOBER 2018
- 6 2017-2018 Achievement Night, SLO Veterans Hall

---

Updated Information about the SLO County 4-H Horse Project can be found on Page 10.