

NEBO SCHOOL DISTRICT

CTE 2014
Journey Of
Excellence

Springville High

Agriculture programs



Summer SAE Gardens



Springville FFA has had a very successful community service garden for the past 4 years donating over 15,000 pounds of produce to the community. This past summer the students made the decision to change the intent of the garden to be an investment of their time and effort that was financially beneficial to them.

Harvesting Produce



Six students "adopted" rows and planted what they would like having another successful year on the .75 acre garden at the Advanced Learning Center. What was not sold was taken to the local Food Bank.

Springville High

Farmers Market



We started an FFA Farmers Market this fall to allow all Springville FFA members the opportunity to market their Supervised Agricultural Projects. At the Farmers Market students sold all produce grown in the garden; zucchini, zucchini bread, tomatoes, cucumbers, squash, and pumpkins , from our garden as well as eggs, and jerky packaged by one of our students.

Springville High

Agriculture programs

Farmers Market



The Farmers Market was managed by a student handling all the details and advertising. It was a very successful debut year and we look forward to improving and growing every year.

Springville High Farmers Market



Springville FFA also had for the 2nd year in a row Caitlin Dinkel represent the state of Utah at the National FFA Convention by participating in the National FFA Choir. Christina Nolasco a Springville FFA member is representing our area and is currently serving as the State FFA President.



Springville High Welding Plasma Project Fabrication



What I am learning from this course:

While I've been in the welding program I have learned a lot more than just how to weld. I have learned life lessons and how to apply the things that I am learning in the rest of school. We learn how to get a job and what is expected from employers. The shop and its policies are set up very similar to a shop that we would be working in.



Springville High Welding Metal Art Fabrication





Springville High Welding Multiple Use Fabrication



How I have applied the concepts:

I have used the things that I have learned in this class to get a job in the trade. And to learn skills in not only welding but in fabricating and making plans. I've learned teaching skills helping as a T.A. the class helps you with not only getting a job in welding but any job. We learn good work ethic.



Springville High Welding Ornamental Fabrication



How I excel from the learning experience:

I learned the things in this class that I needed to get a job in welding and fabricating. I use the skills every day in my job. I have learned many new skills at my job. I have tried to go beyond what we learn in the class and learn new things that challenge me and help to get better.



SALEM HILLS AGRICULTURE



Salem Hills FFA Chapter



SALEM HILLS AGRICULTURE



2014 Turkey Production



SALEM HILLS AGRICULTURE



Thanksgiving Dinner For Our Special Needs Kids



SALEM HILLS AGRICULTURE



Poinsettia Production



SALEM HILLS AGRICULTURE



Area Livestock Judging Sponsorship



SALEM HILLS WELDING

The welding program at Salem Hills High School is focused on preparing students for successful careers in industrial and agricultural welding and fabrication. To do this we combine knowledge with hands on experiences by teaching advanced welding techniques coupled with project design and fabrication. As a student completes our three year welding program, he or she is given the opportunity to become certified through the American Welding Society.



SALEM HILLS WELDING

Welded Steel Construction



- ✓ Design
- ✓ Layout
- ✓ Fabrication





SALEM HILLS WELDING



Custom Steel design and fabrication



SALEM HILLS WELDING

Plasma Cutting Technology



General Info

228 students

(201 unduplicated)

52 FFA members

4 classes taught

**Ag Biology, Animal Science, Equine
Science, Floral and Greenhouse**

Facilities

**Greenhouse, Nebo Animal Lab,
Classroom**

UTAH



MAPLE MOUNTAIN

Pig Project

- Raising pigs for fundraiser
- Pigs were purchased at minimal cost; feed donated
- Contracted with local packing plant for sales
- Makes good use of animal lab during off season
- Taken care of by students with teacher supervision
- Money raised will go toward helping students with trips and for boost money at livestock shows



Festival of Trees

- **FFA created and donated tree**
- **Tree was auctioned off and brought \$925.00**
- **All money goes to Primary Children's**
- **Tree theme was The Bell Still Rings**



FFA Service

Farmers Market

Help with setup and operations of Farmers Market



Pumpkins

Washed 1,000 pumpkins for Harvest Moon Hurrah



Play Unplugged

Helped stuff information bags and help at final product



Agriculture Awareness

Live Animal Exhibit
Little Hands on the Farm



Veterans

Donated poinsettias to the Veterans Home



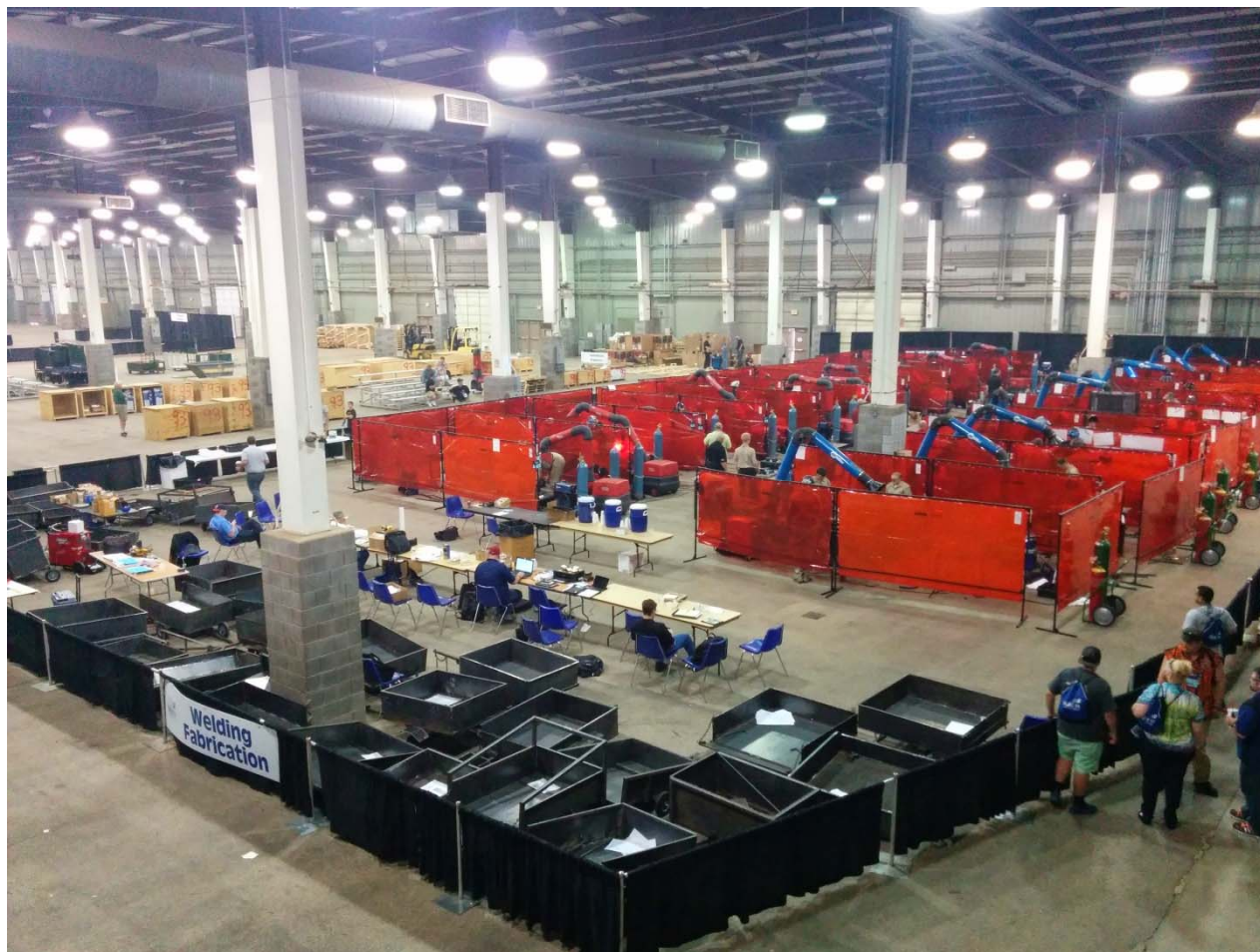
Festival of Trees

Donate and create tree. Tree then sold and money goes to Primary Children's Hospital



MAPLE MOUNTAIN
Golden Eagles

Welding



National Skills USA



MMHS 2014 Team



Payson FFA Animal Lab



Michelle Bobo & Baily Wright: Payson High

Swine Operation-

- We maintain about 16 sows.
- Farrow them twice a year.
- Sows are bred by Artificial Insemination, we select and order the semen from top seed stock producers from all over the United States.
- Average litter is 9.5 pigs.
- Students are in charge of the entire operation.



What we do-

- » This last year, Payson FFA members bred, farrowed and exhibited 115 show hogs at the stock shows throughout the state.
- » We are always very successful and competitive at every show.
- » Our Livestock Booster Club has raised money to boost our animals and purchase excellent high quality pork for satisfied consumers.
- » Our chapter members have grossed over \$70,000 in income from this last year selling our hogs.
- » About half of this money was expenses in producing a quality show hog.
- » The average profit per hog shown was over \$300 a head.



We're good at what we do-

- » The most competitive show of the year was the 2014 Utah State Fair in Salt Lake City.
- » The Overall Grand Champion and Reserve Grand Champion hogs were both bred, born and raised at the Payson FFA Animal Lab.
- » That's a huge honor and a lot of time put towards that kind of an accomplishment. I've learned more about myself and the joys of putting in the extra effort.
- » I personally trained my hog for numerous hours and my hard work paid off when I sold my champion hog for \$3,000.
- » I made a profit of \$2,650 after expenses.



What we learn-

- » Working with the hogs at the animal lab is a place I fit in. It's taught me a lot about real life business lessons and major responsibility.
- » I have done everything from assisting sows giving birth, to clipping the teeth, vaccinating and castrating piglets.
- » Many hours are spent daily at the lab cleaning pens, filling feeders and bedding with new straw, it's a team effort.
- » I have been able to learn by doing, which is the best and easiest way to learn.



Excelling - Grand Champion

2014 Utah State Fair

- » It's good hard work full of dedication. I love getting lost in my work at the lab whether I'm learning new veterinarian skills, patience, compassion towards animals or simply learning new farming and agricultural skills.
- » I've learned to feed the proper hog rations to help them grow, how to handle business in selling products, managing money to buy what is needed, how to keep and update records, and how to push for my dreams to come true.

“Everyone can see that you raise livestock. Only we understand they're the ones raising us.”



Payson High School Welding Shop



Welding & FFA

- Our welding program and our FFA program work hand and hand. Students in the welding classes fabricated all the metal used to construct the new animal lab building at Payson High School.



Building For The Future

- Through the experience of building the new animal lab students were better able to see what this industry has in store for them. This involved numerous students and saved the district a lot of money as well as man hours and most of all students were able to learn by doing.



Contributing to the FFA

- Students constructed and drilled holes in all the brackets and floor plates, constructed almost a thousand clips and hundreds of pins with chains to secure the panels for the entire district.



Custom panels, latches, and beams

- Numerous students invested endless time and skills to help the chapter. By taking the time to make sure that each panel was the same design and would be interchangeable throughout the lab. As well as the beams that support the roof.



Partnering with IFA to do Research

- Payson FFA and IFA is doing a collaborative research project to determine feed efficiency and average daily gains using their Platinum show feeds. All feed fed and pigs are weighed every two weeks. Welding shop saved almost a thousand dollars constructing a weighing cage for the digital scales.



Personal Projects and Welding Skills

- Many of our students buy materials, design, and build many of their own personal projects. Others gain valuable welding skills in the class to prepare them for career success. One elite student grossed over \$100,000 in his first year out of high school TIG welding in Idaho for AWD.







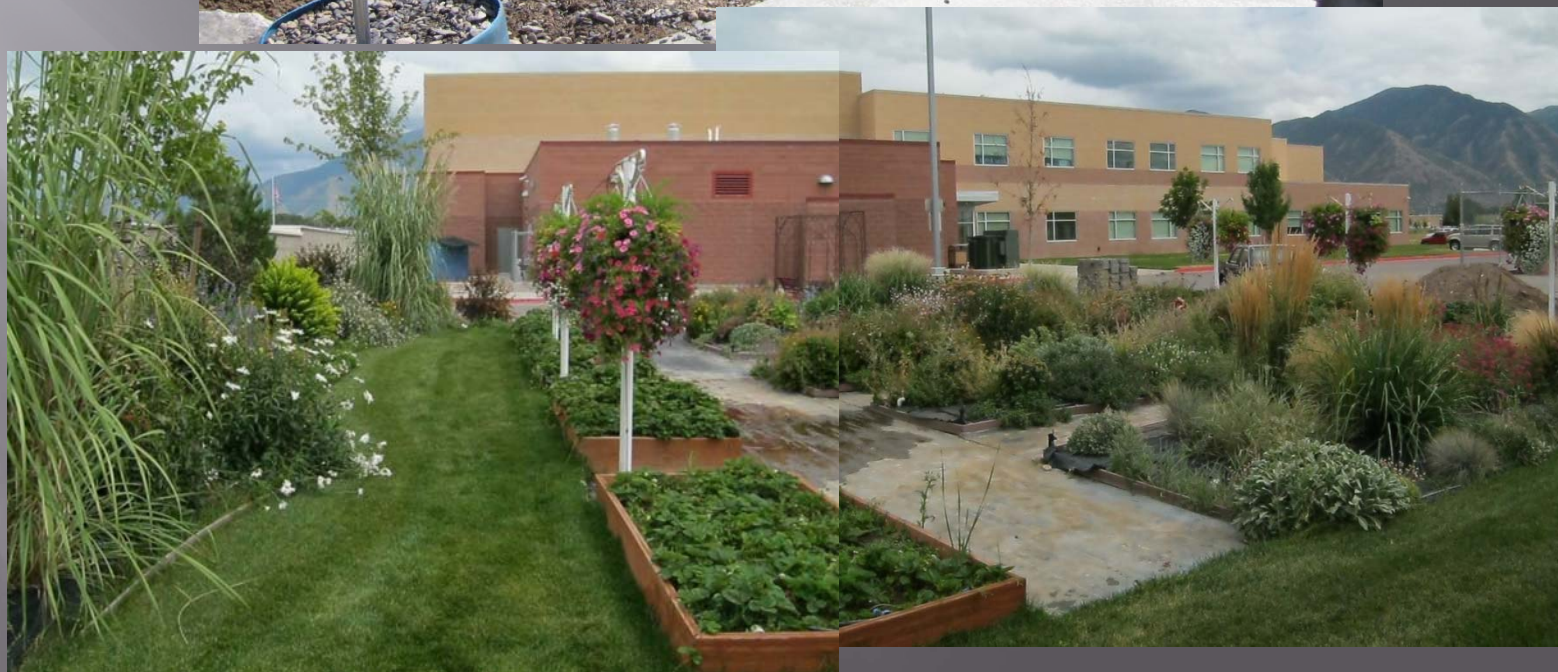
- ✓ Sod Success
- ✓ Ready for plants
- ✓ Finishing touches
- ✓ Grow box shuffle



Before



After



Learning Skills

- ✓ Hands On Learning
- ✓ Behavioral Learning
- ✓ Engaged Learning
- ✓ Classroom Learning
- ✓ Instructional Learning
- ✓ Time Management Learning
- ✓ Interactive Learning



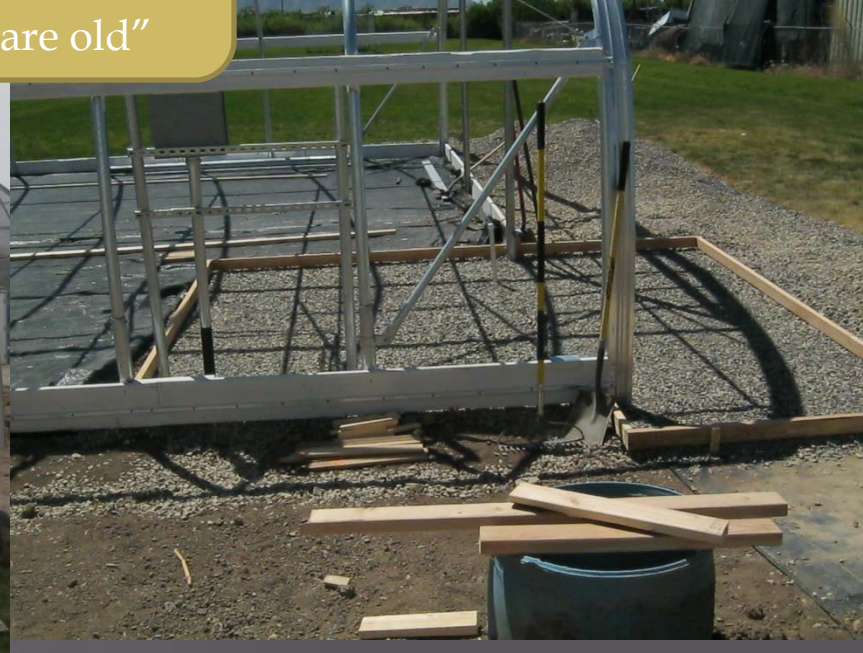


Hands on learning-
Construction on
Greenhouse #2





“Teach a child in their youth, and they will not depart from it when they are old”





Faculty
Team Work





Faculty Team Work



Greenhouse # 2



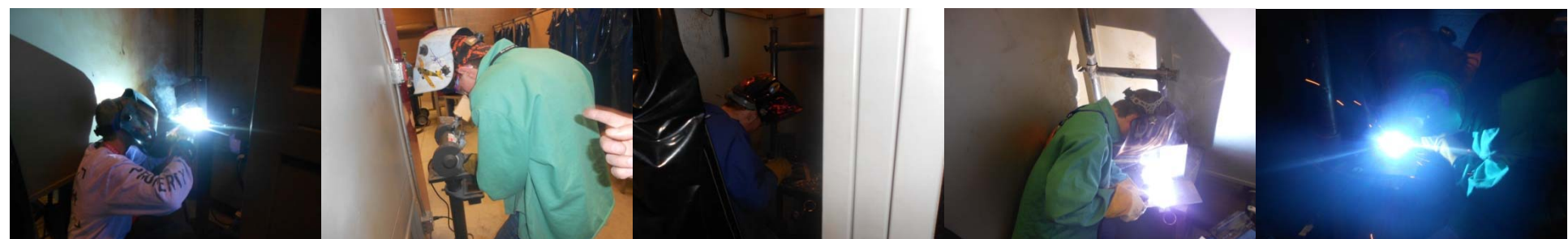


Spanish Fork High School

Here We Learn For Life

Rock Solid

SFHS Welding Program



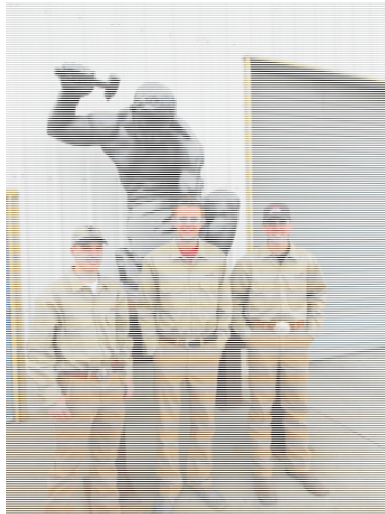
Here we **WELD** for life!



Collaborative Group Activities



Individual Growth and Accomplishments



Local 27 Iron Worker Union

2nd Place Skills USA Welding Fabrication

Fab Team: Colton Christensen

Shad Prior

Wyatt O'Brien

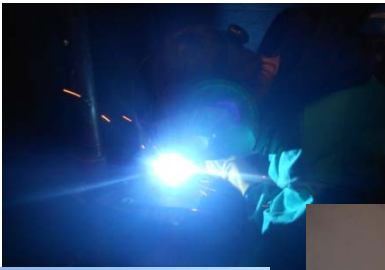


Skills USA Individual
Welder Competition

2nd Place Jared Creer



Building the Future....



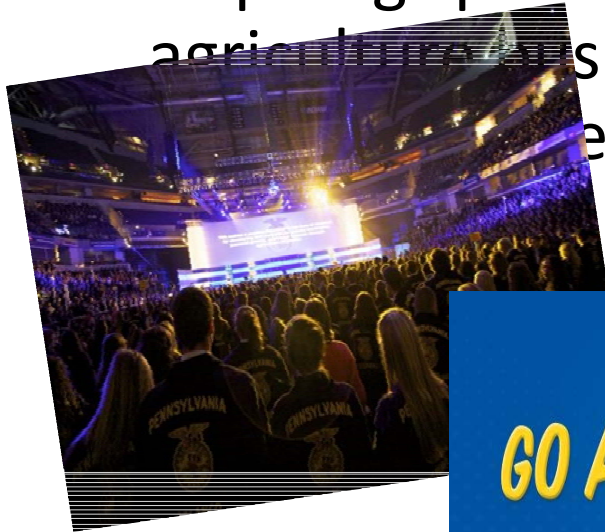


Spanish Fork High School

Rock solid

Spanish Fork FFA is busy
doing great things!

- Spanish Fork FFA had six students attend and compete in the 2014 National FFA Convention and Expo. The convention is the largest gathering of youth in the nation and all six students represented Spanish Fork and Utah FFA very well. While at convention, the students competed in their respective Career Development Events, listened to inspiring speakers like [unclear], explored agriculture businesses [unclear]



GO ALL OUT!



87th National FFA Convention & Expo
Oct. 29 - Nov. 1, 2014 • Louisville, Ky.



- The livestock evaluation contest requires participants to appraise, judge and critique sets of beef, sheep, goats and pigs. The students must have a firm grasp on what each of the industry's strive for and then be able to judge the animals against the industry standard. After this, they must be able to defend their placing through oral reasons. Finally, they compete in team activities that require them to understand current genetics and marketing trends to determine the best groups of animals. Seth Worthington, Corbin Redd, Cooper Galt and Dalton Sorensen competed in this contest and the team received the 16th ranking overall in the nation. Additionally, Corbin and Seth received individual gold medals. Cooper and Dalton received individual silver medals.



National Agri-Science Fair

Agriscience Fair is where the best and brightest in FFA compete. This year Kaitlin Hallam received second high individual nationally for her research on growth rates of sexed and mixed pens of turkeys. This is a tremendous accomplishment. Brooke Voorhees, competed and received a national bronze medal for her work on the best local feeds to feed growing hogs.





Utah Junior Turkey Show



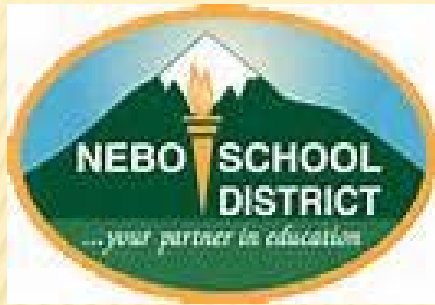
Last Saturday Nebo students stole the show at the annual Utah Jr. Turkey Show in Tremonton Utah. Kaitlin Hallam won the show with her 38.6 pound tom followed by Linsey Olsen with her 25.62 pound hen and Kamry Olsen filled the 5th spot with her reserve champion 35.09 pound tom. Kamry also competed and received a \$1000.00 education scholarship for her 4-H portfolio. Nebo students took 3 of the top 6 placings in the entire show.



Charitable Giving 4-H Mentoring Program Volunteer Fire Department



Kaitlin and Lindsey raised 40 turkeys as part of their high school agricultural experience and then donated the birds to the Thanksgiving project. They processed the birds, packaged them and helped fill meal boxes to be delivered to the families. Once the boxes were complete the packages were delivered to the families. The response by those receiving the gift was humbling. This was an incredible opportunity for our youth to help people who really are in need.



NEBO SCHOOL DISTRICT

