



# Moniteau FFA

Newsletter

2019-2020 edition

Issue 2

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## October 9th kicks off the annual FFA Fruit Sale.



Get FRESH Florida Fruit from the FFA

Orders are taken from October 9th until November 12th  
The orders usually arrive the second week of December

Prices start at \$20.

Navels, Juice, Mandarins, Grapefruit, Apples, and Pears are all available.

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## Upcoming Fundraisers:



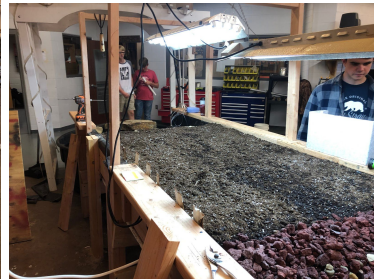
- *Pine River Country Garden Meat and Cheese: November 13th-December 9th. A variety of spreadable cheese and meat sticks right in time for the holidays.*
- *Homestyle Fudge: November 13th-December 9th. \$6 for 8oz tub of fudge in 8 different flavors.*

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## Class Projects:

### *Koi Fish Aquaponics Pond:*

*The Koi Pond is progressing nicely. The pond liner, gravel for the base, and a mixture of potting soil, top soil, and garden soil was added. The water was pumped in, and it actually works! The garden filters water and does not back up, or flood the growing area. Artificial lighting was added to promote growth. Students planted radishes, carrots, and onions to start the growing process. The next step is to get the Koi and make a complete system.*



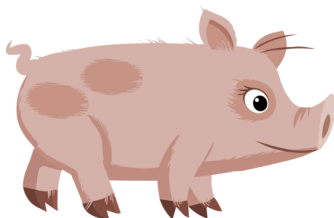
### *Animals Systems Skeleton Project*

*Students in the Animal System class are studying skeletal systems, as a class project they chose an animal and created a skeleton out of paper and masking tape. They had to make it as realistic as possible and label 25 of the individual bones.*



**More pictures and information about these and other projects in the next newsletter!!!!**





## Ag Facts Did You Know?

**AGRICULTURE** | BY THE NUMBERS  
A TRIBUTE TO AMERICAN FARMERS

**97%** Of all farms are family owned  
The average age of today's farmer: **55.3**

**1 IN 3** U.S. farm acres are planted for export

**15%** of U.S. corn acres are irrigated

**2** Times more food is produced by today's farmer than their parents did using less land, energy, water and fewer emissions

**9** States have *more* cattle than people [Idaho, Iowa, Kansas, Montana, Nebraska, North Dakota, South Dakota, Oklahoma and Wyoming]

Today's average corn yield per acre **154**

**14%** of U.S. farms are operated by women

**2/3** of all cattle operations have been in the same family for *at least* two generations

**155** people are fed by a single American farmer

**90** Loaves of bread can be made from one bushel of wheat

**8** tons of carbon dioxide are removed from the air by one acre of corn during a season

**40%** Of the world's corn, is grown by U.S. Farmers

**21** Million American workers produce, process and sell the nation's food and fiber

shelbyhagg.com

*These are only a few reasons why agriculture is important to our school, community, county, state, and nation.*

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### In The Classroom:

- *Animal Systems; students are learning about skeletal systems and how they help animals and humans function.*
- *Special Projects; students are working on the aquaponics system.*
- *Plants Systems; students are working on the aquaponics system.*
- *Intro to Ag; students are creating livestock breed projects.*
- *Welding; students are cutting out projects with the Oxy/Acetylene torches.*
- *Ag Business; students are completing interest rate problems with vehicles and mortgages, plus learning how to complete credit applications.*



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### Upcoming Events:

- |                              |              |  |
|------------------------------|--------------|--|
| <i>October 16th</i>          | <i>-----</i> | <i>Fall Roundup</i>                                      |
| <i>October-November</i>      | <i>-----</i> | <i>Fresh Fruit SALE</i>                                  |
| <i>November and December</i> | <i>-----</i> | <i>Cheese, meatstick, and fudge SALE</i>                 |
| <i>January</i>               | <i>-----</i> | <i>PA Farm Show trip and demonstration team contest.</i> |

