**August-September-October 2017** **Narrative Report**

**December**

1 4-H Scholarships Due

1 Martha & Don Romeo Scholarship Due

6 Cookie Decorating Workshop @ Ext

25 Office Closed – Merry Christmas!

28 Winter Workshop 9-11am

29 Animal Science 101 Meeting/Workshop 3-5 at the Extension Office

**January**

1 Office Closed – Happy New Year!!

13 Beef Weigh In, 8 - 10:30 am Geneva Vet Clinic

Rachel Adam

4-H Extension Assistant, Fillmore County

**4-H Youth Development**

Fillmore County was well represented at the Nebraska State Fair this year. Many youth showed livestock and many projects static projects were judged and did very well. Brandy and I got the projects home safe and sound, after a long day how helping with the beef show for me and the swine show for Brandy.

I am working on becoming a trainer for Livestock Quality Assurance. As the system become 4-H system wide now trainers need to certified in order to teach the lessons.

**School Enrichment**

Kicking off the school enrichment season was the Fillmore Central 1st graders. Twenty-eight students learned about how their food got in their lunch box. Also they learned about how different agricultural products are processed.

National Youth Science day was the first week in October. Youth in Shickley and Geneva participated. The theme for this year was Incredible Wearable. Students learned about health and wellness, engineering, and designing. The challenge was to create a fitness tracker out of supplies I had for them and different sensors. They then tested them and were about to see their temperature, steps taken, heartrate.

The high achieving 5th and 6th grade experienced the Drone Discovery lesson that was the National Youth Science Day Challenge from 2017. They learned about the different aspects of flight. The highlight of the two-day lesson was flying a real drone, they experience the difficulty and got some very interesting video and photos of their flights.

Water Jamboree was in late September, Brandy and I taught a lesson on water turbines and allowed the students to create their own water turbines.

During Ag Venture day I taught many 4th graders from around the area about beef byproducts. Then I helped Brandy with her lesson on ag careers. She had me fly a drone and attempt to take pictures of each group, but due to the wind this was very difficult.