***Beef SAE Problem:***

* Click on Project/Experience Manager
	+ Select Add New
	+ Name: -- Beef Cattle
	+ Experience Focus: -- Individual
	+ Tracking Your Experience: -- Business: -- Entrepreneurship/Ownership
	+ Primary Experience Category: -- Animal Systems
	+ Primary Subcategory: -- Beef
	+ Category/Unit: -- Head of Commercial Breeding Cattle
	+ Management Module: -- Breeding Herd Manager
	+ Click SAVE
* Under Planning click on the pencil
	+ Description – My SAE will consist of commercial cows that started with a 4-H show heifer that I keep, bred and retained other females from. I currently own 6 head black/white face cows.
	+ Time Investment – My project time varies from month to month, but common activities include feeding, assisting with calving, administering vaccinations, moving them between pastures, selection of breeding stock and marketing.
	+ Financial Investment – All resources such as pasture, equipment, machinery and feed will be obtain from my parents. All operating expenditures, with the exception of feed, will be paid to my parents on a cash basis. I will use a SAE Labor Exchange for the cost of the feed.
	+ Learning Objectives – select the following three skills and they click SAVE and back to SAE Plan. Then write the planned activity
		- AS.03.02 – Feedstuffs will be analyzed, and feed rations will be developed with the assistance of our feed salesman.
		- AS.04.03 – Cows and heifers will be synchronized and then A.I bred to a variety of bulls to improve genetics.
		- AS.07.01 – A complete herd health program will be utilized that includes preventive medicines and dewormers to keep the animals as healthy as possible.

Finances Tab

* Left hand column click on Beginning Values – here we are going to record what assets you own at the beginning of the year.
* Non-Current tab – record the information for the 6 head of cows you own

Asset Name Item Type Useful Beg. Salvage

 Lifetime Cost/Value Value

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* + 7063 Non Dep Livestock 5 yrs 1500 500
	+ 8010 Non Dep. Livestock 5 yrs 1700 500
	+ 9058 Non Dep. Livestock 5 yrs 2000 500
	+ 9152 Non Dep. Livestock 5 yrs 2000 500
	+ 0023 Non Dep. Livestock 8 yrs 2000 500
	+ 0015 Non Dep Livestock 8 yrs 2000 500
* Cash/Checking – Beginning Cash on Hand: -- 5000.00

Now we will make Journal and Financial entries as we move through the calendar year.

January Activities:

* Feed Expense – SAE Labor Exchange
	+ Finance Tab – New Non-cash entries – SAE Labor Exchange
	+ Date – Jan 31 – You will need to calculate the Value –
	+ Labor Exchange and Feed Expense should be checked
	+ In memo write “Cow Feed”
	+ Hay 20# per head per day @ $60/ton
	+ Corn Silage 15# per head per day @ $90/ton
	+ Supplement -- .5 pounds per head per day @ $.09/pound
* Labor Exchange -- Feeding and breaking ice out of water tank -- 12 hours

February Activities:

* Feed Expense – SAE Labor Exchange
	+ Finance Tab – New Non-cash entries – SAE Labor Exchange
	+ Date – Feb 28 – You will need to calculate the Value –
	+ Labor Exchange and Feed Expense should be checked
	+ In memo write “Cow Feed”
	+ Hay 20# per head per day @ $60/ton
	+ Corn Silage 20# per head per day @ $90/ton
	+ Supplement -- .5 pounds per head per day @ $.09/pound
* Labor Exchange -- Feeding and breaking ice out of water tank -- 15 hours

March Activities:

* March 5th --Purchased 2 bred heifers from your neighbor Joe Smith. The heifers cost $800 per head and weight 950 lb. You also paid your dad $10 for the use of pickup and horse trailer to haul them home. Self Labor was 3 hours for this activity
	+ Purchase Heifers -- Finance tab – Non-Current item (tractor), Add New
		- Type of Item – Dep Breeding Livestock, Date, Name – G21, Description – Charolais heifer, Vendor – Joe Smith, Quantity – 1, Total Acquisition Cost -- $800, Total Salvage Value -- $500, Depreciation Method – 10 years – 10%
		- Type of Item – Dep Breeding Livestock, Date, Name – G81, Description – Simmental Heifer, Vendor – Joe Smith, Quantity – 1, Total Acquisition Cost -- $800, Total Salvage Value -- $500, Depreciation Method – 10 years – 10%
	+ Use of Pickup and Trailer -- Finance Tab – New Cash entries – Enter cash expense
		- Date, Vendor – Dad
		- Select Experience, Type – Rent – Record Value
	+ Self Labor – Journal Tab – Time in your AET Projects
		- Date, Project, Add a Skill Area, 3 hour, Selecting and hauling heifers home
* March 10th – Worked cows and poured with Ivomec de-wormer ($1.50 per head) and gave shot of Pregard Gold -- $2.00 per head). Hours of Self Labor was 3 hours.
	+ Vet expense – Finance Tab – New Cash entries – Enter Cash Expense
	+ Date, Vendor – Dad
	+ Choose Experience, Type – Vet medicine, Calculate amount of Ivomec, Memo -- write $1.50 per head for Ivomec
	+ Choose Experience, Type – Vet medicine, Calculate amount of Pregard Gold, Memo – write $2.00 per head Pregard Gold
* Feed Expense
	+ Finance Tab – New Non-cash entries – SAE Labor Exchange
	+ Date – March 30 – You will need to calculate the Value –
	+ Labor Exchange and Feed Expense should be checked
	+ In memo write “Cow Feed”
	+ Hay 15# per head per day @ $60 per ton
	+ Corn Silage 5# per head per day @ $90 per ton
	+ Supplement .5 lb per head per day @ .09/ lb
* Labor Exchange – 20 hours -- 15 hour for feeding and 5 hours for working cattle

April Activities:

* Feed Expense
	+ Hay 20# per head per day @ $60 per ton
	+ Corn Silage 5# per head per day @ $90 per ton
	+ Supplement 1 lb per head per day @ .09/lb
* Labor Exchange – 20 hours -- 10 hours for feeding and 20 for checking cows and calving
* Self Labor of 20 hours for checking cows and calving
* Calving Information
	+ Bred Heifer G21 calved on April 2 had a bull calf, weight 92 lbs
	+ Bred Heifer G81 calved on April 4 had a heifer calf, weight 85 lbs
	+ Cow 0015 calved on April 5 had a bull calf, weight 95 lbs
	+ Cow 0023 calved on April 7 had a bull calf, weight 90 lbs
	+ Cow 9058 calved on April 18 had a heifer calf, weight 95 lbs, good replacement
	+ Cow 9152 calved on April 20 had a bull calf, weight 105 lbs, had to pull
	+ Cow 8010 calved on April 25 had a bull calf, weight 100 lbs
	+ Cow 7063 cesarean section on April 30, bull calf, died

May Activities:

* + May 1 -- turned pairs out onto pasture – pasture rent $15.00 per head per month
	+ Put open Cow 4063 into feedlot – yardage $.10 per head per day
	+ Will calculate feed and yardage when you sell the cow
	+ Self Labor – 10 hours for putting cattle to pasture and checking fences.

June Activities:

* + Put out salt and mineral, checked water, fence and health == self hours 15 hours
	+ June 20th -- Turned bulls out with cows on pasture – Bull X81 with 9001 and 9002, Bull M80 with 8015 and 8023, Bull R14 with 7058, 7152 and 5010
	+ Calculate expected birth date
* July Activities:
	+ July 30 -- Sold cow 5063 – weighted 1200 lbs and received $.95 per pound
	+ Paid $10 for hauling cow to salebarn, $15 for commission and marketing
	+ Feed – corn 6 pound per head per day @ $6.50 per bushel, hay 15 pounds per head per day @ $60 per ton
	+ Machinery cost $1.00 per head per day
	+ Yardage $.10 per head per day
	+ Self Labor – 15 hours for checking cows, water and fence in pasture
* August Activities:
	+ Pairs in pasture -- self labor 20 hours for checking fence, water, health salt and mineral.
* September Activities:
	+ Pairs in pasture – self labor 10 hours of checking
* October Activities
	+ October 1st – weaned calves off cow and turned cows onto corn stalks
	+ Worked calves – castrated bull calves and gave 7-way shots -- $2.00 per head
	+ Worked cows – poured with Ivomec --$1.50 per head, vaccinated with Preg-Gard Gold -- $2.00 per head
	+ Sorted steers into one feed-yard and heifers into another average weight is 535 pounds
	+ Yardage and feed will be calculated at the end of the year and/or when sold
* November Activities:
	+ Cow in cornstalks and calves in feedlot
* December Activities:
	+ December 1 – moved cows to dry lot – received 20# hay and 8# of silage per head per day – use previous hay and silage costs
	+ December 10 sold steer calves – weighed – 775 each and sold for $1.15 per lbs, $3.00 per head for commission and marketing
	+ Paid Dad $10 for use of trialer
	+ Hired Vet to Preg checked cows $2.00 per head
	+ Calculate Feed costs for calves – 6# per head per day @ $6.25 per bushel
	+ Calculate yardage cost -- $.10 per head per day
	+ Machinery cost -- $1.00 per head per day
	+ Enter Closing inventory – Cows – 1150 pounds at $90 per cwt, 2 year olds 1050 pounds at $98 per cwt

* Summary
* Print the single SAE Report and hand in.