

Sevier County 4-H Project Page



2022-2023

Name: Chet Jones Grade: 5th 4-H Teacher: Ms. Smith
 Project: Food Science

Goals for 2022-2023:

Name two large goals for this 4-H year that you would like to achieve related to your project. These goals should be challenging but achievable. List the actions you think you will need to achieve this goal. Then tell us if you accomplished your goal. If you did not, tell us what you could have done differently.

Goal	Action	Looking Back
Example: Learn the 5 basic coat colors of the horse	Example: Research the basic horse coat colors and make flashcards.	Example: I used my computer to learn that the five basic coat colors of the horse are black, bay, brown, chestnut, and white.
Define food science.	Research the definition of food science.	I used my computer to learn that Food science is the study of the physical, biological, and chemical make up of food and concept of
Define Flavor,	Research the definition of Flavor.	I used my computer ^{Food process} to learn flavor is a result of a substance's taste, odor, and mouth feel combined.

Complete the 4-H Word Search

- | | |
|----------------------|-----------------|
| personal development | science |
| public speaking | horse |
| citizenship | hands |
| wildlife | dog |
| health | shooting sports |
| heart | engineering |
| goats | gardening |
| camp | forestry |
| performing arts | cattle |
| leadership | swine |
| nutrition | head |

P C J K E S A L G A R D E N I N G D V I
 J E Y E U N H H O R S E K E K B T C Z Z
 M B R S A J G O A R D B W X K E S A J H
 C U L S P V P I O D O S R I Z Y A M I E
 E G J K O U D E N T G W T N L O V P C A
 L S R Z E N B J R E I H P A C D C X P R
 A I O M M F A L F F E N A E T Y L K P T
 A W T S A L O L I F O R G N F N H I M O
 R S K C H E D J D C O R I S D G G P F H
 D U O I Q A I F S E S R M N P S R V M E
 A L S T E D S C B S V P E I G O R R L K
 O U C I J E N P A K N E E S N J R S X B
 B I I Z L R V O S V Z U L A T G X T B Q
 T X E E A S N H L G A C T O K R A Y S Y
 O V N N N H Z E L H O C K R P I Y R A F
 N A C S J I Q A M D E A A Q I M N H T I
 I Y E H M P T D P R K A T T K T E G I S
 Q B J I U R S W I N E X L S T Z I N B M
 J W Q P M M T G C S C F O T Z L X O T O
 Z Y A B C C Y R V P A U S M H L E M N P

Career Scavenger Hunt

By asking others, researching on the internet, or reading a book or magazine - search for a job that uses the skills and knowledge related to your project and answer the following questions:
(ex. Horse Project - Farrier, Nutrition Project - Chef, Photography - Videographer, etc.)

Job Title: Nutritionist

Job Description: They counsel clients on nutrition issues and healthy eating habits.

Education Required: Bachelors degree or higher in Human Nutrition, food science, and nutrition.

Do Your Research

Pick a topic related to your project to research and answer the questions below:

Example: If you are in the Wildlife and Forestry Project, you might pick to research native trees in Tennessee.

1. Topic Selected: Sugar
2. Five vocabulary words and definitions related to topic:
 - a. corn syrup - a clear, thick, sticky, sweet liquid made from corn.
 - b. crystalline candy - a candy comprised of crystals, soft and easy to chew.
 - c. crystallization - a process in which crystals are formed.
 - d. fructose - a type of simple sugar naturally found in foods.
 - e. glucose - a simple sugar that is essential for animals to produce energy.
3. Three facts related to topic:
 - a. Some foods naturally have sugar in them.
 - b. Sugar cane and sugar beets are sources of sugar.
 - c. Sugar is a solute
 - d. Water is a solvent.
4. Draw a picture that represents or is related to your topic:



This page is specific for Sevier County 4-H and adapted from Tennessee 4-H project pages.

Sevier County 4-H Project Page



2022-2023

Name: Jane Doe

Grade: 5th

4-H Teacher: Ms. Smith

Project: Dairy

Goals for 2022-2023:

Name two large goals for this 4-H year that you would like to achieve related to your project. These goals should be challenging but achievable. List the actions you think you will need to achieve this goal. Then tell us if you accomplished your goal. If you did not, tell us what you could have done differently.

Goal	Action	Looking Back
Example: Learn the 5 basic coat colors of the horse	Example: Research the basic horse coat colors and make flashcards.	Example: I used my computer to learn that the five basic coat colors of the horse are black, bay, brown, chestnut, and white.
Identify the seven main breeds of dairy cattle.	Research the seven main breeds of dairy cattle and make flash cards with pictures.	I used my Chromebook to look up the seven main breeds of dairy cattle. The main seven breeds are Ayrshire, Guernsey, Jersey, Brown, Swiss, Milkingshorthorn, and Holstein.
Label the parts of a ruminant stomach.	Research the parts of a ruminant stomach.	I used my chromebook to look up the parts of a ruminant stomach. Those parts include: rumen, abomasum, omasum, and reticulum.

Complete the 4-H Word Search

- | | |
|----------------------|-----------------|
| personal development | science |
| public speaking | horse |
| citizenship | hands |
| wildlife | dog |
| health | shooting sports |
| heart | engineering |
| goats | gardening |
| camp | forestry |
| performing arts | cattle |
| leadership | swine |
| nutrition | head |

P C J K E S A L G A R D E N I N G D V I
 J E Y E U N H H O R S E K E K B T C Z Z
 M B R S A J G O A R D B W X K E S A J H
 C U L S P V P I O D O S R I Z Y A M I E
 E G J K O U D E N T G W T N L O V P C A
 L S R Z E N B J R E I H P A C D C X P R
 A I O M M F A L F F E N A E T Y L K P T
 A W T S A L O L I F O R G N F N H I M O
 R S K C H E D J D C O R I S D G G P F H
 D U O I Q A I F S E S R M N P S R V M E
 A L S T E D S C B S V P E I G O R R L K
 O U C I J E N P A K N E E S N J R S X B
 B I I Z L R V O S V Z U L A T G X T B Q
 T X E E A S N H L G A C T O K R A Y S Y
 O V N N N H Z E L H O C K R P I Y R A F
 N A C S J I Q A M D E A A Q I M N H T I
 I Y E H M P T D P R K A T T K T E G I S
 Q B J I U R S W I N E X L S T Z I N B M
 J W Q P M M T G C S C F O T Z L X O T O
 Z Y A B C C Y R V P A U S M H L E M N P

Career Scavenger Hunt

By asking others, researching on the internet, or reading a book or magazine - search for a job that uses the skills and knowledge related to your project and answer the following questions:
(ex. Horse Project - Farrier, Nutrition Project - Chef, Photography - Videographer, etc.)

Job Title: Dairy Nutritionist

Job Description: They develop feeding programs and monitor the condition of dairy cattle to ensure that production goals are met.

Education Required: At least a bachelors degree (4 years in college) in dairy or animal science. Master degrees are beneficial too

Do Your Research

Pick a topic related to your project to research and answer the questions below:

Example: If you are in the Wildlife and Forestry Project, you might pick to research native trees in Tennessee.

1. Topic Selected: What is dairy science?

2. Five vocabulary words and definitions related to topic:

a. Bovine - technical name for cattle regardless of gender.

b. Heifer - a female calf

c. Bull - a calf that has not been castrated.

d. Steer - a calf that has been castrated.

e. Calves - the young animals in a herd.

3. Three facts related to topic:

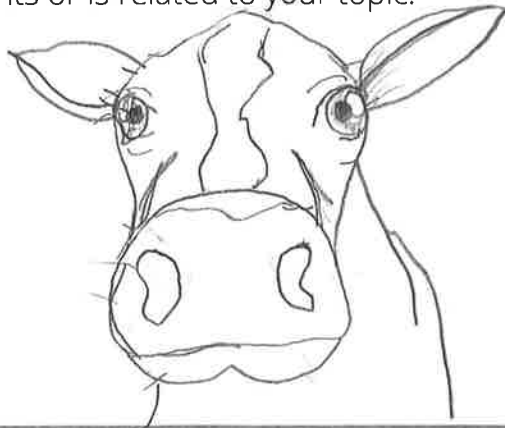
a. There are 15 careers in dairy science.

b. Dairy foods are foods produced from the milk of a mammal such as cows.

c. There are research jobs in dairy.

d. There are seven main breeds of dairy cattle.

4. Draw a picture that represents or is related to your topic:



Sevier County 4-H Project Page



2022-2023

Name: Jolene P. Grade: 6th 4-H Teacher: Ms. Smith
 Project: Consumer Education and Economics

Goals for 2022-2023:

Name two large goals for this 4-H year that you would like to achieve related to your project. These goals should be challenging but achievable. List the actions you think you will need to achieve this goal. Then tell us if you accomplished your goal. If you did not, tell us what you could have done differently.

Goal	Action	Looking Back
Example: Learn the 5 basic coat colors of the horse	Example: Research the basic horse coat colors and make flashcards.	Example: I used my computer to learn that the five basic coat colors of the horse are black, bay, brown, chestnut, and white.
Learn what a budget is.	Look up the definition of a budget.	I used my laptop to find that a budget is a spending plan to balance income and expenses.
Learn the difference between goods and services.	look up contrasting details of goods and services	I used my laptop to find that a good is an <u>items</u> that add <u>benefits</u> . Services are a <u>physical act</u> purchased.

Complete the 4-H Word Search

- | | |
|----------------------|-----------------|
| personal development | science |
| public speaking | horse |
| citizenship | hands |
| wildlife | dog |
| health | shooting sports |
| heart | engineering |
| goats | gardening |
| camp | forestry |
| performing arts | cattle |
| leadership | swine |
| nutrition | head |

P C J K E S A L G A R D E N I N G D V I
 J E Y E U N H H O R S E K E K B T C Z Z
 M B R S A J G O A R D B W X K E S A J H
 C U L S P V P I O D O S R I Z Y A M I E
 E G J K O U D E N T G W T N L O V P C A
 L S R Z E N B J R E I H P A C D C X P R
 A I O M M F A L F F E N A E T Y L K P T
 A W T S A L O L I F O R G N F N H I M O
 R S K C H E D J D C O R I S D G G P F H
 D U O I Q A I F S E S R M N P S R V M E
 A L S T E D S C B S V P E I G O R R L K
 O U C I J E N P A K N E E S N J R S X B
 B I I Z L R V O S V Z U L A T G X T B Q
 T X E E A S N H L G A C T O K R A Y S Y
 O V N N N H Z E L H O C K R P I Y R A F
 N A C S J I Q A M D E A A Q I M N H T I
 I Y E H M P T D P R K A T T K T E G I S
 Q B J I U R S W I N E X L S T Z I N B M
 J W Q P M M T G C S C F O T Z L X O T O
 Z Y A B C C Y R V P A I I S M H I F M N P

Career Scavenger Hunt

By asking others, researching on the internet, or reading a book or magazine - search for a job that uses the skills and knowledge related to your project and answer the following questions:
(ex. Horse Project - Farrier, Nutrition Project - Chef, Photography - Videographer, etc.)

Job Title: Agricultural economist

Job Description: They look at data, develop plans, and set up beneficial production schedules for farmers who grow food and fiber.

Education Required: At least a bachelors degree in Agricultural Economics, math, or business.

Do Your Research

Pick a topic related to your project to research and answer the questions below:

Example: If you are in the Wildlife and Forestry Project, you might pick to research native trees in Tennessee.

1. Topic Selected: The basics of economics

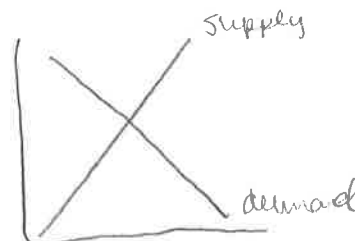
2. Five vocabulary words and definitions related to topic:

- Supply - total amount of specified products available to consumers
- demand - consumers desire and willingness to buy
- price - the amount of money that has to be given to acquire
- quantity ^{of product} - the number of goods or services that suppliers will produce and sell.
- economics - the study of scarcity of resources

3. Three facts related to topic:

- Changes in taste can shift demand.
- equilibrium - where supply and demand cross.
- Changes how much it cost to make a good can shift supply.
- Agriculture economics studies the allocation of resources ^{in food production.}

4. Draw a picture that represents or is related to your topic:



Sevier County 4-H Project Page



2022-2023

Name: Sam Clover Grade: 5 4-H Teacher: Mrs. Smith
 Project: Nutrition, Health + Fitness

Goals for 2022-2023:

Name two large goals for this 4-H year that you would like to achieve related to your project. These goals should be challenging but achievable. List the actions you think you will need to achieve this goal. Then tell us if you accomplished your goal. If you did not, tell us what you could have done differently.

Goal	Action	Looking Back
Example: Learn the 5 basic coat colors of the horse	Example: Research the basic horse coat colors and make flashcards.	Example: I used my computer to learn that the five basic coat colors of the horse are black, bay, brown, chestnut, and white.
Learn the basic five food groups and examples of them.	Look up the five food groups.	I used my computer to learn about food groups. We need grains, protein, vegetables, fruits, and dairy each day.
Learn about cross contamination in food and cooking	Attend 4-H cooking workshop.	I attended a 4-H cooking workshop and learned how to safely handle food. For example, you shouldn't wash raw chicken.

Complete the 4-H Word Search

- | | |
|----------------------|-----------------|
| personal development | science |
| public speaking | horse |
| citizenship | hands |
| wildlife | dog |
| health | shooting sports |
| heart | engineering |
| goats | gardening |
| camp | forestry |
| performing arts | cattle |
| leadership | swine |
| nutrition | head |

P C J K E S A L G A R D E N I N G D V I
 J E Y E U N H H O R S E K E K B T C Z Z
 M B R S A J G O A R D B W X K E S A J H
 C U L S P V P I O D O S R I Z Y A M I E
 E G J K O U D E N T G W T N L O V P C A
 L S R Z E N B J R E I H P A C D C X P R
 A I O M M F A L F F E N A E T Y L K P T
 A W T S A L O L I F O R G N F N H I M O
 R S K C H E D J D C O R I S D G G P F H
 D U O I Q A I F S E S R M N P S R V M E
 A L S T E D S C B S V P E I G O R R L K
 O U C I J E N P A K N E E S N J R S X B
 B I I Z L R V O S V Z U L A T G X T B Q
 T X E E A S N H L G A C T O K R A Y S Y
 O V N N N H Z E L H O C K R P I Y R A F
 N A C S J I Q A M D E A A Q I M N H T I
 I Y E H M P T D P R K A T T K T E G I S
 Q B J I U R S W I N E X L S T Z I N B M
 J W Q P M M T G C S C F O T Z L X O T O
 Z Y A B C C Y R V P A U S M H L E M N P

Career Scavenger Hunt

By asking others, researching on the internet, or reading a book or magazine - search for a job that uses the skills and knowledge related to your project and answer the following questions:
(ex. Horse Project - Farrier, Nutrition Project - Chef, Photography - Videographer, etc.)

Job Title: Registered Dietician (RD)

Job Description: They are a trained nutrition professional. They may explain nutrition issues to clients, assess dietary & health needs of clients, develop meal plans and gauge the effects of meal plans for clients.

Education Required: In Tennessee, you must complete a bachelor's or graduate degree from a program that is accredited by the Accreditation Council

Do Your Research

Pick a topic related to your project to research and answer the questions below:

Example: If you are in the Wildlife and Forestry Project, you might pick to research native trees in Tennessee.

1. Topic Selected: MyPlate

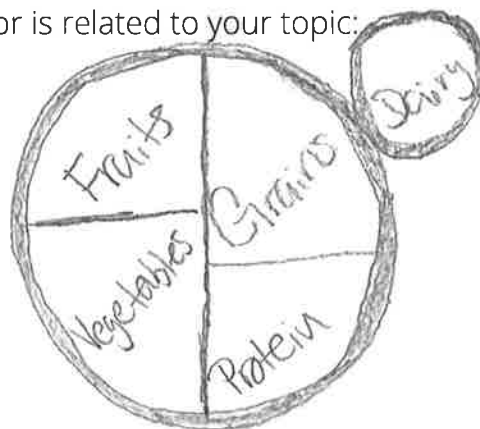
2. Five vocabulary words and definitions related to topic:

- Grains - food made from wheat, rice, oats, and other cereal grains.
- Fruit - the sweet & fleshy product of a plant that contains seeds & can be eaten
- Vegetable - a plant or part of a plant used as food
- Nutrition - process of providing or obtaining food necessary for healthy growth
- Serving Size - the standard amount of food for that specific food

3. Three facts related to topic:

- There are two subgroups of grains (whole grains & refined grains)
- A fifth grader needs 1-1 1/2 cups of fruit each day
- Broccoli, kale, and basil are defined as dark-green vegetables.
- _____

4. Draw a picture that represents or is related to your topic:



Sevier County 4-H Project Page



2022-2023

Name: Sam Clover

Grade: 6

4-H Teacher: Mr. Donald

Project: Photography

Goals for 2022-2023:

Name two large goals for this 4-H year that you would like to achieve related to your project. These goals should be challenging but achievable. List the actions you think you will need to achieve this goal. Then tell us if you accomplished your goal. If you did not, tell us what you could have done differently.

Goal	Action	Looking Back
Example: Learn the 5 basic coat colors of the horse	Example: Research the basic horse coat colors and make flashcards.	Example: I used my computer to learn that the five basic coat colors of the horse are black, bay, brown, chestnut, and white.
Learn what a DSLR camera is and the parts.	Research what a DSLR camera is and study a diagram of the parts.	I was able to use my computer to learn that a DSLR camera is a digital single-lens reflex camera.
Be able to define: focal point, symmetry, and rule of thirds.	Research the vocabulary words and make flashcards.	I used my computer to memorize the vocabulary words.

Complete the 4-H Word Search

- | | |
|----------------------|-----------------|
| personal development | science |
| public speaking | horse |
| citizenship | hands |
| wildlife | dog |
| health | shooting sports |
| heart | engineering |
| goats | gardening |
| camp | forestry |
| performing arts | cattle |
| leadership | swine |
| nutrition | head |

P C J K E S A L G A R D E N I N G D V I
 J E Y E U N H H O R S E K E K B T C Z Z
 M B R S A J G O A R D B W X K E S A J H
 C U L S P V P I O D O S R I Z Y A M I E
 E G J K O U D E N T G W T N L O V P C A
 L S R Z E N B J R E I H P A C D C X P R
 A I O M M F A L F F E N A E T Y L K P T
 A W T S A L O L I F O R G N F N H I M O
 R S K C H E D J D C O R I S D G G P F H
 D U O I Q A I F S E S R M N P S R V M E
 A L S T E D S C B S V P E I G O R R L K
 O U C I J E N P A K N E E S N J R S X B
 B I I Z L R V O S V Z U L A T G X T B Q
 T X E E A S N H L G A C T O K R A Y S Y
 O V N N N H Z E L H O C K R P I Y R A F
 N A C S J I Q A M D E A A Q I M N H T I
 I Y E H M P T D P R K A T T K T E G I S
 Q B J I U R S W I N E X L S T Z I N B M
 J W Q P M M T G C S C F O T Z L X O T O
 Z Y A B C C Y R V P A U S M H L E M N P

Career Scavenger Hunt

By asking others, researching on the internet, or reading a book or magazine - search for a job that uses the skills and knowledge related to your project and answer the following questions:
(ex. Horse Project - Farrier, Nutrition Project - Chef, Photography - Videographer, etc.)

Job Title: Videographer

Job Description: The person responsible for planning, filming, and editing videos that could be used for a variety of projects, such as movies, advertisements, or tv shows.

Education Required: Bachelor's degree is recommended but not required

Do Your Research

Pick a topic related to your project to research and answer the questions below:

Example: If you are in the Wildlife and Forestry Project, you might pick to research native trees in Tennessee.

1. Topic Selected: _____

2. Five vocabulary words and definitions related to topic:

a. _____

b. _____

c. _____

d. _____

e. _____

3. Three facts related to topic:

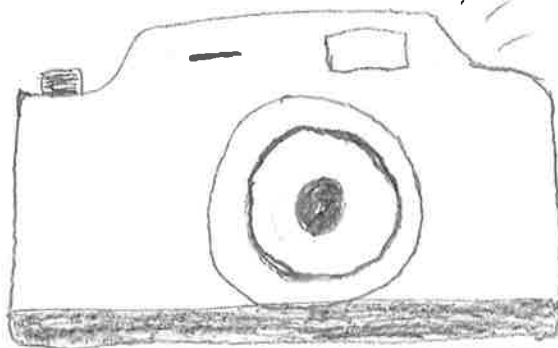
a. _____

b. _____

c. _____

d. _____

4. Draw a picture that represents or is related to your topic: /



Lights!
Camera!
Action!

Sevier County 4-H Project Page



2022-2023

Name: Sam Clover

Grade: 6

4-H Teacher: Mr. Johnson

Project: Beef

Goals for 2022-2023:

Name two large goals for this 4-H year that you would like to achieve related to your project. These goals should be challenging but achievable. List the actions you think you will need to achieve this goal. Then tell us if you accomplished your goal. If you did not, tell us what you could have done differently.

Goal	Action	Looking Back
Example: Learn the 5 basic coat colors of the horse	Example: Research the basic horse coat colors and make flashcards.	Example: I used my computer to learn that the five basic coat colors of the horse are black, bay, brown, chestnut, and white.
Learn about at least 2 beef breeds	Research cattle breeds	I used my computer to learn about Red Angus and Hereford Cattle.
Learn how to evaluate livestock	Join the Sevier County 4-H Livestock Judging team	I joined the team and learned how to judge beef cows, sheep, goats, and pigs.

Complete the 4-H Word Search

- | | |
|----------------------|-----------------|
| personal development | science |
| public speaking | horse |
| citizenship | hands |
| wildlife | dog |
| health | shooting sports |
| heart | engineering |
| goats | gardening |
| camp | forestry |
| performing arts | cattle |
| leadership | swine |
| nutrition | head |

P C J K E S A L G A R D E N I N G D V I
 J E Y E U N H H O R S E K E K B T C Z Z
 M B R S A J G O A R D B W X K E S A J H
 C U L S P V P I O D O S R I Z Y A M I E
 E G J K O U D E N T G W T N L O V P C A
 L S R Z E N B J R E I H P A C D C X P R
 A I O M M F A L F F E N A E T Y L K P T
 A W T S A L O L I F O R G N F N H I M O
 R S K C H E D J D C O R I S D G G P F H
 D U O I Q A I F S E S R M N P S R V M E
 A L S T E D S C B S V P E I G O R R L K
 O U C I J E N P A K N E E S N J R S X B
 B I I Z L R V O S V Z U L A T G X T B Q
 T X E E A S N H L G A C T O K R A Y S Y
 O V N N N H Z E L H O C K R P I Y R A F
 N A C S J I Q A M D E A A Q I M N H T I
 I Y E H M P T D P R K A T T K T E G I S
 Q B J I U R S W I N E X L S T Z I N B M
 J W Q P M M T G C S C F O T Z L X O T O
 Z Y A B C C Y R V P A U S M H L E M N P

Career Scavenger Hunt

By asking others, researching on the internet, or reading a book or magazine - search for a job that uses the skills and knowledge related to your project and answer the following questions:
(ex. Horse Project - Farrier, Nutrition Project - Chef, Photography - Videographer, etc.)

Job Title: Large Animal Veterinarian

Job Description: They work at animal hospitals or veterinary clinics and provide veterinary services for dairy, beef, horses, swine, goats, and sheep. This includes check ups, giving medicines, and surgery.

Education Required: 3-4 years prevet studies and 4 years at veterinary medicine school.

Do Your Research

Pick a topic related to your project to research and answer the questions below:

Example: If you are in the Wildlife and Forestry Project, you might pick to research native trees in Tennessee.

1. Topic Selected: Hereford Cattle

2. Five vocabulary words and definitions related to topic:

a. Cattle - large ruminant animals with horns + cloven hoofs

b. Ruminant (adjective) - chewing the cud

c. Polled (sheep, cattle or goats) lacking horns, naturally or they have been removed

d. Calf - a young bovine animal, especially a domestic cow or bull under year

e. Cow - a fully grown female bovine, kept to produce milk or meat

3. Three facts related to topic:

a. The Hereford is a British breed of beef cattle from Herefordshire

b. Polled Herefords have the polled gene and don't have horns

c. The American Hereford Association was formed in 1995.

d. _____

4. Draw a picture that represents or is related to your topic:

