



Life Challenge:
Family & Consumer Sciences Contest

County Contest Information
2019



COUNTY LIFE CHALLENGE INFORMATION

For Local County Offices

The 2019 Family and Consumer Sciences (FCS) Contest, Life Challenge, is designed to help 4-H'ers learn more about issues related to Family and Consumer Sciences while developing their problem-solving skills.

CONTENT AREAS

Questions for the 2019 Life Challenge event, on the county and state levels, will utilize material from the following 4-H project manuals and websites:

Foods & Nutrition Challenge:

- *Making Food for Me*
- *Fast Foods*
- *Food Preservation Series*
- *4-H Cooking 101,201,301,401*
- <https://gmoanswers.com/current-gmo-crops>
- <https://www.nongmoproject.org/gmo-facts/>

Human and Child Development Challenge:

- *Picture Perfect Youth- Beginning, Immediate, Advanced*
- http://4h.okstate.edu/literature-links/lit-online/leadership-personal_development/personal-development/personal-development-resources

Home Environment Challenge:

- *Design Decisions* and web links listed in the *Design Decisions* manual
- *Design My Place*
- https://www.epa.gov/sites/production/files/2017-11/10-in-the-bin-poster_2.jpg

Clothing and Textile Challenge:

- *Shopping in Style*
- *STEAM 2 and 3*
- *STEAM Clothing Beyond the Needle*

Personal Finance Challenge:

- *Making Cents of It*
- *Money Moves*

Additional Information

Contest challenge questions on the county level have been designed to help 4-H'ers gain knowledge in FCS content and to help them gain some experience in practicing for the state contest. The state contest will require more in-depth knowledge and critical thinking. It will also provide an opportunity to explore FCS related majors and FCS careers at the University of Nebraska– Lincoln's College of Education and Human Sciences.



CONTEST OVERVIEW

The following outlines the steps 4-H'ers will take when they participate in the county Life Challenge contest:

Step 1 – Group Challenge

Each content area contains a challenge question that will be used by each team participating in that area. After receiving the challenge question, each team will draw a challenge card. This card will provide additional information related to the challenge question, making the challenge slightly different from team to team. Using the challenge question provided to all participants along with their group's unique challenge card, the team will determine the most appropriate solution to the problem. Teams will have 45 minutes to prepare a solution to the challenge.

Step 2 – Solve Group Challenge

The following five-step problem-solving plan, which is explained in further detail in an attached worksheet, will aid teams in forming their thoughts as they plan to address the challenge. The five steps are listed below.

1. Situation Analysis
2. Problems and Opportunities
3. Plan Development
4. Supporting Knowledge
5. Recommendations and Conclusion

Step 3 – Present Group Challenge

Once the team has created a solution to the challenge question they will verbally share their thoughts and ideas with a judge for five to seven minutes. The judging criteria are found on the judges score sheet.

CONTEST SUPPLIES

Items to Help Run the Contest

- Challenge questions (enough copies for each team)
- Judging score sheets (enough copies for each team)
- Stopwatch/clock to time presentations/ and prep time
- Helpful office supplies- index cards, scratch paper and pens, poster board and markers
- Laptop/ projector/screen (If you desire to use technology for youth presentations.)

PARTICIPANT INSTRUCTION SHEET

Questions for the 2019 Life Challenge event, on the county and state levels, will utilize material from the following 4-H projects:

CONTENT AREAS

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Human and Child Development Challenge:

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http://4h.okstate.edu/literature-links/lit-online/leadership-personal_development/personal-development/personal-development-resources

Home Environment Challenge:

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- *Design My Place*
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Clothing and Textile Challenge:

- *Shopping in Style*
- *STEAM 2 and 3*
- *STEAM Clothing Beyond the Needle*

Personal Finance Challenge:

- *Making Cents of It*
- *Money Moves*

**PARTICIPANT PROBLEM-SOLVING WORKSHEET
&
PRESENTATION OUTLINE**

1. Situation Analysis

- Introduce your team and state names of team members.
- Provide a brief summary about the situation.
- State what challenge card you drew.

2. Problems and Opportunities

- What is the main situation that needs to be solved?
- What specific issues need to be addressed as it relates to the challenge card?
- How does the challenge card impact the challenge question?

3. Plan Development

- Determine how this problem can be addressed or solved, while paying specific attention to the challenge card.
- Begin by brainstorming, or sharing all ideas with fellow group members; after writing down all options, select the plan most suitable for the situation.

4. Supporting Knowledge

- What are your reasons for your solution to the challenge? Provide supporting details or information you have learned from your past and present 4-H experiences and projects.

5. Recommendations and Conclusion

- Briefly share the solution once again, and why it is the most appropriate choice for the given challenge.
- Conclude by thanking judges for their time.
- Ask if there are any questions.



PARTICIPANT PROBLEM-SOLVING, PLANNING, AND PRESENTATION WORKSHEET

(Use the Participant Problem-Solving and
Presentation Outline to aid you in completing the following worksheet.)

1. Notes for Situation Analysis

2. Notes for Problems and Opportunities

3. Notes for Plan Development

4. Notes for Supporting Knowledge

5. Notes for Recommendations and Conclusion

4-H County Life Challenge Foods and Nutrition

Basic Situation

The local restaurant in your neighborhood just closed. You and your friends thought it would be cool to start a business that provides prepared food for the community. In this challenge you will state the name of the business and the overall business concept. In your presentation make sure to describe what foods you will be selling, what food safety practices you might use during food preparation, and how the foods you sell in your business are a part of a healthy lifestyle.

4-H County Life Challenge Home Environment

Basic Situation

Color is important in our lives as it makes our world more interesting. When looking at the interior of a room, one of the first things you notice are the colors in the room. Different colors can evoke different feelings. Warm or cool colors can suggest different types of moods. Blues and greens are known as cool colors while yellows and reds are known as warm colors. In this challenge you will be addressing how you will use color to convey a specific mood. Then share what mood you are trying to portray and tell what the color scheme and main colors of the will be. Also, describe the colors used for walls, flooring, ceiling, furniture and accent pieces.

4-H County Life Challenge Human Development

Basic Situation

The life of the average young person can be very demanding. As a student you have to attend classes, complete assignments, and participate in various school activities. Besides being a student, you are an officer in your 4-H club and work a part time job providing child care for your neighbor. You play many roles: student, volunteer, friend, family member, and employee. All of these different roles can make you feel stressed. In this challenge: define stress, state what causes stress, and provide some tips on how to reduce stress in your daily lives.



LIFE CHALLENGE SCORE SHEET

Team: _____ Total Score: _____

Time of Presentation: _____

	POINTS
<p><u>OVERALL PLAN AND PROBLEM-SOLVING PROCESS</u> (Possible Points = 20)</p> <ul style="list-style-type: none"> • Developed plan displayed thorough thought _____/4 • Plan supported with research-based information _____/4 • Recommended plan addresses challenge question, card and item /4 • Situation analyzed appropriately _____/4 • Problems and opportunities identified _____/4 	
<p><u>APPLICATION OF KNOWLEDGE</u> (Possible Points = 12)</p> <ul style="list-style-type: none"> • Presentation shows evidence of subject matter knowledge _____/4 • Presented subject matter information is accurate _____/4 • Subject matter and terminology are accurately and appropriately applied to the situation _____/4 	
<p><u>DELIVERY/PRESENTATION</u> (Possible Points = 16)</p> <ul style="list-style-type: none"> • All members participated in presentation _____/4 • Effective team presentation (displayed confidence, cohesiveness, positive impact of presentation) _____/4 • Presented in logical sequence • Overall presentation skills (clear articulation, appropriate volume, no gum, few filler words, good transitions) _____/4 	
<p><u>OVERALL IMPACT OF PRESENTATION</u> (Possible Points = 4) _____/4</p>	

TOTAL SCORE _____ /52

4 = Superior 3 = Excellent 2 = Average 1 = Fair 0 = Needs improvement

COMMENTS

**2019 4-H FCS Life Challenge Contest
Beginner Level Placing Questions**

Beginner Foods and Nutrition

This year Cynthia decided to enroll in the 4-H gardening project. Because of this she and her family planted a big garden so she would have enough produce for the county fair. They planted spinach, carrots, potatoes, tomatoes, green beans, zucchini, and strawberries. The weather was just right for a large harvest. She doesn't need all of the produce for the fair and her family can't eat them all before its spoil. Rank in order (best to worst) way for her to preserve strawberries to eat at a later time.

- 1.) Canning, salting, freezing
- 2.) Pickling and fermenting, salting, canning
- 3.) Freezing, refrigeration, drying
- 4.) Freezing, cooking, drying



2019 4-H Life Challenge Contest Beginner Level Placing Questions

Beginner Personal Finance

When Frank turned 12 his parents decided to give him an allowance of \$15.00 a month in exchange for him doing some chores around the house. Franks' parents told him to spend his money wisely. Rank in order the top three most beneficial ways to least beneficial ways for Frank to spend his allowance.

- 1) Buy clothing for himself, saving, give money to local animal shelter



- 2.) Saving, buy video games for himself, donate money to charity



- 3.) Buy snacks for yourself, loan money to a friend, buy something for his mom



- 4.) Give money to a friend, buy movie tickets for himself and a friend, saving



2019 4-H FCS Life Challenge Contest Beginner Level Placing Questions

Beginner Home Environment

Xavier has been learning in school how important recycling is to the environment and how recycling can create jobs. He has learned about how recycling works and what can and can't be recycled. Rank in order the items that are the most easily recycled to hardest to recycle.

1.) Newspapers, plastic water bottles, glass jars



2.) Plastic water bottles, bubble wrap, styrofoam



3.) Bubble wrap, styrofoam, batteries



4.) Newspapers, glass jars, batteries



**2019 4-H FCS Life Challenge Contest
Beginner Level Placing Questions**

Human Development

Celine needs to study for her upcoming math test. At this time, she is getting a “C” in the class, if she gets an “A” on this next test, she can improve her grade to a “B”. What study skills should she improve to help her get an “A” on the test. Rank in order the most important skills to the least important skills to learn.

- 1.) Plan ahead, sleep, go outside and play
- 2.) Take good notes, ask for help, eat a good breakfast
- 3.) Sleep, go outside and play, play a math video game
- 4.) Pay attention, take good notes, plan ahead



4-H FCS Placing Questions Score Sheet Beginning Level

Name: _____

Question 1 – Foods and Nutrition

Best Choice

Worst Choice

Question 2 – Personal Finance

Best Choice

Worst Choice

Question 3 – Home Environment

Best Choice

Worst Choice

Question 4 – Human Development

Best Choice

Worst Choice

2019 4-H FCS Life Challenge Contest Beginner Level Placing Answers and Ranking

Beginner Foods and Nutrition

This year Cynthia decided to enroll in the 4-H gardening project. Because of this she and her family planted a big garden so she would have enough produce for the county fair. They planted spinach, carrots, potatoes, tomatoes, green beans, zucchini, and strawberries. The weather was just right for a large harvest. She doesn't need all of the produce for the fair and her family can't eat them all before its spoil. Rank in order (best to worst) way for her to preserve strawberries to eat at a later time.

1. Canning, salting, freezing
2. Pickling and fermenting, salting, canning
3. Freezing, refrigeration, drying
4. Freezing, cooking, drying

Placement- 3, 4, 1, 2

Cuts- 3, 3, 3

3. According to the *Food Preservation Series*, freezing, refrigeration, and drying are the best ways to slow or prevent the growth of microorganisms for strawberries.
4. Freezing and drying are the suggested ways to preserve strawberries. Cooking strawberries with sugar and pectin will make jam. Just cooking strawberries is not a recommended way to preserve strawberries.
1. Freezing is the only recommended way to preserve strawberries. Canning and salting are not ways to preserve strawberries.
2. All three methods are not recommend ways to preserve strawberries.

Points

1234- 26	2134- 23	3124- 41	4123- 32
1243- 23	2143- 20	3142- 37	4132- 41
1324- 35	2314- 29	3214- 38	4213- 29
1342-41	2341- 32	3241- 41	4231- 35
1423- 29	2413- 23	3412- 50	4312- 47
1432- 38	2431-29	3421- 47	4321- 44



2019 4-H FCS Life Challenge Contest Beginner Level Placing Answers and Ranking

Beginner Personal Finance

When Frank turned 12 his parents decided to give him an allowance of \$15.00 a month in exchange for him doing some chores around the house. Franks’ parents told him to spend his money wisely. Rank in order the top three most beneficial ways to least beneficial ways for Frank to spend his allowance.

- 1) Buy clothing for himself, saving, give money to local animal shelter
- 2.) Saving, buy video games for himself, donate money to charity
- 3) Buy snacks for yourself , loan money to a friend, buy something for his mom
- 4.) Give money to a friend, buy movie tickets for himself and a friend, saving

Placement- 1, 2, 3, 4

Cuts- 2, 3, 4

1. According to the *Money Moves* project manual, good money management includes spending, saving and sharing. Buying clothes is spending, giving money to a local animal shelter is sharing. This is the best choice because clothing is often a need.
2. This is the second best choice because Frank is saving, sharing by donating money to a charity and spending by purchasing a video game. Purchasing a video game is more of a want than a need which makes it the second choice.
4. This is the third best choice because it has spending (buying movie tickets) and saving. Giving money to a friend can be considered sharing but donating money to a charity is a better money management practice.
3. This choice has spending (buying snacks and buying something for his mom) but it does not have saving or sharing which makes it the worst choice of the four options.

Points

1234- 50	2134- 48	3124- 42	4123- 30
1243- 46	2143- 44	3142- 35	4132- 27
1324- 47	2314- 43	3214- 40	4213- 28
1342- 40	2341- 34	3241- 31	4231- 23
1423- 39	2413- 35	3412- 26	4312- 22
1432- 36	2431-30	3421- 24	4321- 20

**2019 4-H FCS Life Challenge Contest
Beginner Level Placing Questions
Placing Answers and Ranking**

Beginner Home Environment

Xavier has been learning in school how important recycling is to the environment and how recycling can create jobs. He has learned the process of how recycling works and what can and can't be recycled. Rank in order the items that are the most easily recycled to hardest to recycle.

- 1.) Newspapers, plastic water bottles, glass jars
- 2.) Plastic water bottles, bubble wrap, styrofoam
- 3.) Bubble wrap, styrofoam, batteries
- 4.) Newspapers, glass jars, batteries

Placement- 1, 4, 2, 3

Cuts- 3, 2, 3

1. According to the EPA one can recycle newspapers, plastic water bottles and glass jars.
4. Newspapers and glass can easily be recycled in a recycling containers found in a many places such school, home or at a business. Batteries need to be recycled in containers marked for recycling.
2. Plastic bottles are easy to recycle. Depending on the bubble wrap it might be able to be recycled. Styrofoam cannot be recycled.
3. Styrofoam cannot be recycled. Bubble wrap might be able to be recycled and batteries need to be recycled in a container marked for batteries. These items would be the most difficult to recycle.

Points

1234- 43	2134- 38	3124- 32	4123- 47
1243- 48	2143- 43	3142- 34	4132- 44
1324- 40	2314- 30	3214- 27	4213- 42
1342- 42	2341- 27	3241- 24	4231- 34
1423- 50	2413- 40	3412- 31	4312- 36
1432- 47	2431- 32	3421- 26	4321- 31



2019 4-H FCS Life Challenge Contest Beginner Level

Placing Answers and Ranking Beginner Human Development

Celine needs to study for her upcoming math test. At this time, she is getting a “C” in the class, if she gets an “A” on this next test, she can improve her grade to a “B”. What study skills should she improve to help her get an “A” on the test. Rank in order the most important skills to the least important skills to learn.

- 1.) Plan ahead, sleep, go outside and play
- 2.) Take good notes, ask for help, eat a good breakfast
- 3.) Sleep, go outside and play, play a math video game
- 4.) Pay attention, take good notes, plan ahead

Placement – 4, 2, 1, 3

Cuts- 2, 3, 3

4. According to *Picture Perfect YOUth*, paying attention, taking good notes and planning ahead are the most important skills to learn for studying.
2. Taking good notes, and asking for help are good skills are two important study skills. Eating a good breakfast is important for doing well in school, however, it is not a study skill.
1. Planning ahead is a good study skill. Getting a good amount of sleep and playing outside can help with a healthy lifestyle but they are not study skills.
3. Getting enough sleep and going outside are some good habits to have for a healthy lifestyle. Playing a video game about math could be helpful but it is not as helpful as paying attention in class and taking good notes.

Points

1234- 32	2134- 35	3124- 23	4123- 47
1243- 40	2143- 43	3142- 25	4132- 41
1324- 26	2314- 32	3214- 26	4213- 50
1342- 28	2341- 37	3241- 31	4231- 47
1423- 42	2413- 48	3412- 30	4312- 38
1432- 36	2431- 45	3421- 33	4321- 41

**2019 4-H FCS Life Challenge Contest
Advance Level Placing Questions**

Advanced Human Development

Lizzy can't find a thing in her room. Often she is late to school events because she can't find her book bag. Her mother gets frustrated with her about always losing things and being late. Lizzy made a new year's resolution that she would learn ways to become more organized. Rank in order the most beneficial reasons to the least beneficial reasons to be organized.

- 1.) Improves relationship with adults, allows her to play more video games, keep one's stress level the same
- 2.) Lower one's stress level, improve relationship with Lizzy's mother, accomplish tasks in a more efficient manner
- 3.) Get to places on time, lower one's stress level, improve searching skills
- 4.) Develops search and rescue skills, provides excitement when she find things, gives her more time to locate things

2019 4-H FCS Life Challenge Contest Advanced Level Placing Questions

Advanced Home Environment

Neil wanted to upcycle a piece of furniture for his home environment project which he plans on entering in the county fair. He wants to make sure that he gets the most for his money. He wants to get a sturdy chair but pay very little money for it, thus, making it the ultimate upcycling project. Rank in order from most cost effective to least cost effective place where he could get a his chair for his 4-H project.

- 1.) Thrift store, free from a friend, discount store
- 2.) Garage sale, thrift store, internet marketplace (Facebook, Craigslist)
- 3.) Furniture store, antique store, thrift store
- 4.) Garage sale, consignment store, discount store

2019 4-H FCS Life Challenge Contest Advanced Level Placing Questions

Advanced Clothing and Textiles

You are going to your 4-H awards banquet. You need to make sure that your clothing is clean and neat for this event. You decide to wear a nice, long-sleeved, buttoned, dress shirt with collars and cuffs. The shirt is made from the fibers of polyester and cotton. Just last week your fellow 4-H club member demonstrated how to properly press a shirt. In your demonstration they used a variety of items to neatly press the shirt. Rank in order from most important to least important what items are needed to make the shirt you are going to wear to look neat.

- 1.) Tailor's ham, hardwood point press, needle board



- 2.) Press cloth, sleeve board, hardwood point press



- 3.) Sleeve board, hardwood point press, needle board



- 4.) Press cloth, sleeve board, tailor's ham





2019 4-H FCS Life Challenge Contest Advanced Level Placing Questions

Advanced Foods and Nutrition

Jackson is learning more about DNA in plants like corn, soybeans and other crops. One of the topics that his teacher was discussing in class was GMOs (Genetically Modified Organisms). Recently, Jackson and his friends were debating GMO's. His teacher informed the class that there are only 10 genetically produced crops. Rank in order the foods that contain GMOs to ones that are not genetically modified.

1.) Canola, Cotton, Potatoes, Summer Squash



2.) Canola, Corn, Potatoes, Strawberries



3.) Cotton, Potatoes, Broccoli, Rhubarb



4.) Watermelon, Potatoes, Pickles, Cucumbers





4-H FCS Placing Questions Score Sheet Advanced Level

Name: _____

Question 1 – Human Development

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Best Choice			Worst Choice

Question 2 – Home Environment

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Best Choice			Worst Choice

Question 3 – Clothing and Textiles

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Best Choice			Worst Choice

Question 4 – Foods and Nutrition

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Best Choice			Worst Choice



2019 4-H FCS Life Challenge Contest Advanced Level

Placing Answers and Ranking

Advanced Human Development

Lizzy can't find a thing in her room. Often she is late to school events because she can't find her book bag. Her mother gets frustrated with her about always losing things and being late. Lizzy made a new year's resolution that she would learn ways to become more organized. Rank in order the most beneficial reasons to the least beneficial reasons to be organized.

1. Improves relationship with adults, allows you to play more video games, keep one's stress level the same
2. Lower one's stress level, improve relationship with Lizzy's mother, accomplish tasks in a more efficient manner
3. Get to places on time, lower one's stress level, improve searching skills
4. Develops search and rescue skills, provides excitement when you find things, gives you more time to locate things

Placement- 2, 3, 1, 4

Cuts- 3, 4, 4

2. According to *Picture Perfect YOUth*, being organized has the following benefits: lowering stress, improving relationships with adults, and being organized can help one accomplish tasks more efficiently.
3. Lowering one's stress level and getting to place on time are some benefits of being organized. Improves one's searching skills is gained when someone isn't organized.
1. Being organized can improve one's relationship with adults and can gives you more time to do other things such as play video games. One of the greatest benefits of being organized is keep one's stress level down.
4. Developing search and rescue skills, provides excitement when finding things and giving time to locate things are possible benefits of disorganization. Not of these are benefits of organization.

Points

1234- 39	2134- 46	3124- 40	4123- 16
1243- 31	2143- 38	3142- 29	4132- 13
1324- 36	2314- 50	3214- 47	4213- 23
1342- 25	2341- 46	3241- 43	4231- 27
1423- 20	2413- 34	3412- 25	4312- 17
1432- 17	2431- 38	3421- 32	4321- 24

**2019 4-H FCS Life Challenge Contest Advanced Level
Placing Answers and Ranking**

Advanced Home Environment

Neil wanted to upcycle a piece of furniture for his home environment project which he plans on entering in the county fair. He wants to make sure that he gets the most for his money. He wants to get a sturdy chair but pay very little money for it, thus, making it the ultimate upcycling project. Rank in order from most cost effective to least cost effective place where he could get a his chair for his 4-H project.

- 1.) Thrift store, free from a friend, discount store
- 2.) Garage sale, thrift store, internet marketplace (Facebook, Craigslist)
- 3.) Furniture store, antique store, thrift store
- 4.) Garage sale, consignment store, discount store

Placement- 2, 1, 4, 3

Cuts- 2, 4, 3

2. *Shopping in Style* describes various types of stores. A garage sale, thrift store, and the internet can be inexpensive ways to purchase or obtain a chair to be upcycled.
1. A thrift store and getting a chair from a friend can be an inexpensive way to buy a chair, however, a discount store can offer a good price but not always and the quality might be questionable.
4. All three options can be a low cost way to purchase a chair to upcycle, however, they are not the lowest cost options.
3. A furniture store and antique store can be one of the more costly ways to purchase a chair. A thrift store is a cheaper way to buy a chair, however, this is the most expensive option of the four choices.

Points

1234- 45	2134- 47	3124- 29	4123- 38
1243- 48	2143- 50	3142- 23	4132- 29
1324- 36	2314- 40	3214- 31	4213- 40
1342- 30	2341- 36	3241- 27	4231- 33
1423- 42	2413- 46	3412- 19	4312- 22
1432- 33	2431- 39	3421- 21	4321- 24

**2019 4-H FCS Life Challenge Contest Advanced Level
Placing Answers and Ranking**

Advanced Clothing and Textiles

You are going to your 4-H awards banquet. You need to make sure that your clothing is appropriate for this event. You decide to wear a long-sleeved, buttoned, dress shirt with collars and cuffs. The shirt is made from the fibers of polyester and cotton. Just last you're your fellow 4-H club member demonstrated how to properly press a shirt. In their demonstration they used a variety of items to neatly press the shirt. Rank in order what items are needed to make the shirt look neat.

1. Tailor's ham, hardwood point press, needle board
2. Press cloth, sleeve board, hardwood point press
3. Sleeve board, hardwood point press, needle board
4. Press cloth, sleeve board, tailor's ham

Placements- 4, 2, 3, 1

Cuts- 2, 3, 3

4. When pressing a shirt with sleeves, collar, and cuffs a sleeve board and tailor's ham will give a neat press job and using a pressing cloth will prevent shine of the fabric. All three of these pressing tools will give a neat look.
2. The press cloth and sleeve board are two pressing tools that will give you a neat press job, however, the hardwood point press is mainly using in clothing construction versus just pressing a garment.
3. A sleeve board is helpful in giving a sleeved shirt a neat press. A hardwood point press and needle board will not be beneficial. A needle board is used to press fabrics with a pile such as corduroy fabric. Since the shirt doesn't have a pile it will not be helpful when pressing.
1. A tailor's ham might be helpful when pressing the garment, however, it will only be helpful on the collar and sleeve caps. The needle board and hardwood point press should not be used when pressing this shirt.

Points

1234- 26	2134- 32	3124- 26	4123- 41
1243- 31	2143- 37	3142- 28	4132- 38
1324- 23	2314- 35	3214- 32	4213- 47
1342- 25	2341- 43	3241- 40	4231- 50
1423- 33	2413- 45	3412- 36	4312- 41
1432- 30	2431- 48	3421- 42	4321- 47

2019 4-H FCS Life Challenge Contest Advanced Level Placing Answers and Ranking

Foods and Nutrition

Jackson is learning more about DNA in plants like corn, soybeans and other crops. One of the topics that his teacher was discussing in class was GMOs (Genetically Modified Organisms). Recently, Jackson and his friends were debating GMO's. His teacher informed the class that there are only 10 genetically produced crops. Rank in order the foods that contain GMOs to ones that are not genetically modified.

- 1.) Canola, Cotton, Potatoes, Summer Squash
- 2.) Canola, Corn, Potatoes, Strawberries
- 3.) Cotton, Potatoes, Broccoli, Rhubarb
- 4.) Watermelon, Potatoes, Pickles, Cucumbers

Placements- 1, 2, 3, 4

Cuts- 3, 3, 4

1. According to the <https://gmoanswers.com/current-gmo-crops> canola, cotton, summer squash, and potatoes are all genetically modified.
2. Canola, cotton, and potatoes are all genetically modified, but strawberries are not a genetically modified crops.
3. Cotton and potatoes are genetically modified, but broccoli and rhubarb are not genetically modified.
4. Potatoes are genetically modified, but watermelon, pickles, and cucumbers are not genetically modified.

Points

1234- 50	2134- 47	3124- 41	4123- 29
1243- 46	2143- 43	3142- 34	4132- 26
1324- 47	2314- 41	3214- 38	4213- 26
1342- 40	2431- 31	3241- 28	4231- 20
1423- 39	2413- 33	3412- 24	4312- 20
1432- 36	2431- 27	3421- 21	4321- 17