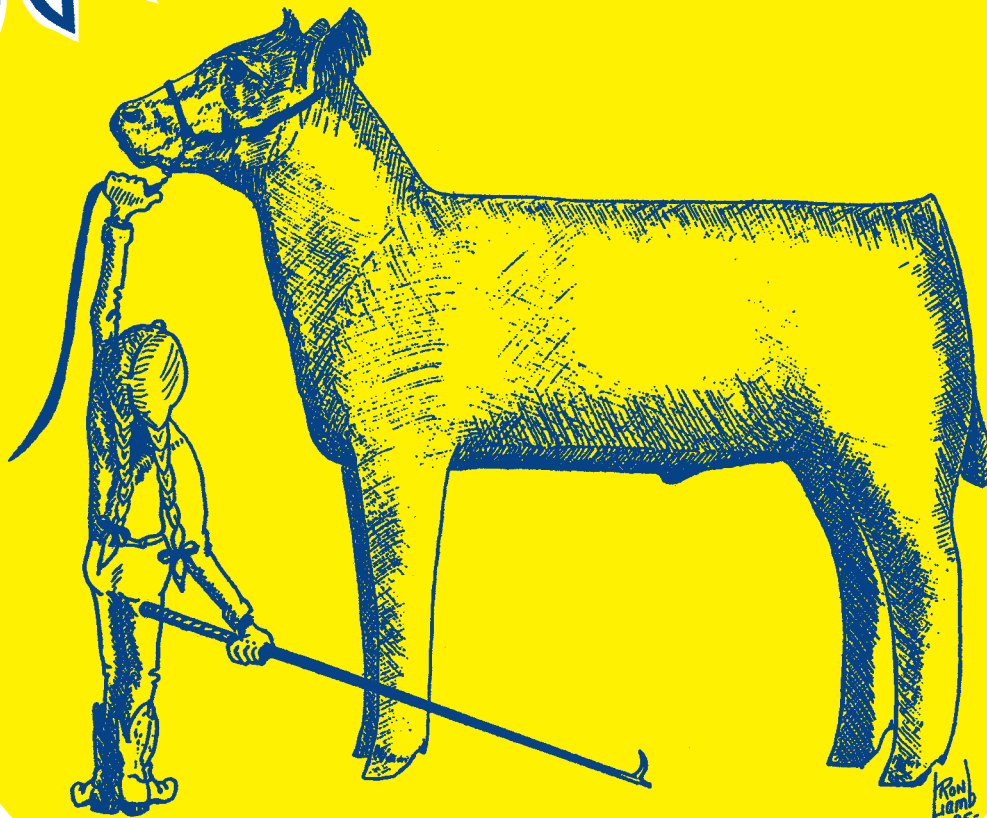




BEEF ADVANCEMENT LEVELS

100.L-7
(R-2016)



New Mexico 4-H is a program
Of New Mexico State University's
Cooperative Extension Service



18 U.S.C. 707

SPECIE: Beef

LEVEL: VI – NAME: 4-H Animal Scientist

Date Passed: Approved By:

Skill Options: (Choose 10)

1. Write a report on the sources, functions, and deficiency symptoms of vitamins and minerals (500 word minimum). _____
2. Demonstrate hoof trimming. _____
3. Name five common cattle diseases, their causitive organisms, symptoms, treatments and prevention. _____
4. Write a report on genetics (300 word minimum). _____
5. Organize a beef promotional activity. _____
6. Prepare a display promoting beef. _____
7. Calculate weaning weight ratio, adjusted 205 day weaning weight, yearling weight ratio and Most Probable Producing Ability (MPPA). Explain the importance of each in a breeding program. _____
8. Explain what happens to feed after it is digested. _____
9. What are five ways you can improve your beef program? Construct a plan based upon two of the ways and carry it out. _____
10. Study five careers related to the beef industry. List the advantages and disadvantages of each. _____
11. Explain selection criteria for market steers, replacement heifers and bulls. _____
12. Explain how market prices for beef are determined. _____
13. _____

Personal Development Options: (Fill in options from page 7.)

1. Bring your project record books up to date. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Citizen's Pride Options: (Fill in options from page 8.)

1. _____
2. _____
3. _____

PERSONAL DEVELOPMENT OPTIONS: (Choose different options for each level.)

1. Lead the Pledge of Allegiance and 4-H Pledge at a meeting.
2. Preside at a meeting.
3. Lead a song or game at a meeting.
- *4. Write a news story for a local paper.
5. Write a column for your club's newsletter.
- *6. Participate in a radio program.
- *7. Participate in a television program.
8. Serve as chairman of a committee.
- *9. Participate in a judging or evaluation contest.
- *10. Serve as a Junior Leader.
- *11. Serve as a Teen Leader.
12. Attend a 4-H camp.
13. Be a Teen Counselor at camp.
14. Serve as clerk, chairman or ring steward at a show.
15. Develop a display, which is related to 4-H.
16. Make arrangements for a tour by your club.
17. Arrange for a film to be shown at your club meeting.
18. Secure a speaker for a club meeting.
19. Participate in Achievement Day.
20. Plan a function for your club separate from a regular meeting.
21. Give a demonstration to your 4-H Club or other group on a topic unrelated to your project.
22. Prepare a scrapbook of your 4-H activities.
23. Serve as a host for a 4-H meeting. Make arrangements for refreshments.
24. Attend a livestock tour or field day and give a report at your club meeting.
25. Set 4-H, educational and career goals for yourself. Write them down.
- *26. Develop some options of your own with your leader's approval.

***These may be repeated in different levels.**

CITIZEN'S PRIDE OPTIONS: (Choose different options for each level.)

- *1. Prepare a display that would be educational or helpful in stressing:
 - A. Clean air, water or land
 - B. Conservation of natural resources
 - C. Safety
- *2. Organize a club community service project.
- *3. Participate in a club community service project.
4. Do something to physically improve your neighborhood.
- *5. Do a chore for someone who needs help.
6. Organize a clean-up committee for helping to keep your school and school grounds clean.
7. List the safety hazards you see around your house or neighborhood.
8. Design an escape plan for the members of your family in case your house should catch on fire.
9. Make a poison safety check in your own home.
10. Visit a hospital, clinic or nursing home. What can you do to help with the welfare of those you visited? Make a plan and carry it out.
- *11. Personally collect clothing or canned goods for the needy.
12. Obtain and paint public trash receptacles.
13. Help to plant trees, shrubbery, or flowers around churches, community buildings and/or public places.
14. Conduct a home energy conservation survey in three homes.
15. Interview a leader or member of a religious denomination that is unfamiliar to you.
16. Make a toy for the nursery in your place of worship.
17. Sing in a youth choir.
18. Write a letter to the editor of your newspaper (attach a copy to your 4-H record).
19. Attend a city or county court hearing while it is holding trial by jury.
20. Interview a public official to see what they do.
21. Tour your city hall or courthouse.
22. Run for a school, class or club office. Develop your platform and run your campaign.
23. Invite your state representative to speak to your 4-H club or county 4-H group.
24. Read a daily newspaper everyday for 5 days. Make a list of current problems affecting New Mexico and the United States. Decide what you can do to help solve those problems. Make a plan of action and carry out that plan.
- *25. Develop some options of your own with your leader's approval.

***These may be repeated at different levels.**

_____ has completed all requirements for
(Name)

Level _____ of the _____ Advancement Program.
(No.) (Type in Specie)

Approved by:

Club Leader Date

Advancement Committee Date

This certifies that _____ has completed all requirements for
(Name)

Level _____ of the _____ Advancement Program.
(No.) (Name of Specie)

Approved by:

Club Leader Date

Advancement Committee Date



College of Agricultural, Consumer and Environmental Sciences

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