2013 4-H Youth Science Field Day

Please indicate to what extent you agree or disagree with the follow statements.
(Select one response in each row by marking the appropriate box ☒.)

Tell us your thoughts about science, engineering and technology…	***Strongly Agree***	***Agree***	***Disagree***	***Strongly Disagree***
I think learning new things about science, engineering, and technology is fun.	☐	☐	☐	☐
I think a career in science, engineering or technology would be exciting.	☐	☐	☐	☐
I know science, engineering, or technology can be useful in solving everyday problems.	☐	☐	☐	☐
I think science, engineering and technology will be important in my future job.	☐	☐	☐	☐

Please indicate to what extent you agree or disagree with the statements about your experience at the 4-H Youth Science Field Day. (Select one response in each row by marking the appropriate box ☒.)

As a result of participating in this 4-H Youth Science Field Day…	***Always***	***Usually***	***Sometimes***	***Never***
I am able to connect what we learned here today, to the science we learn in school.	☐	☐	☐	☐
My ideas about careers in science, engineering, or technology changed today.	☐	☐	☐	☐
I am more likely to explore a career in science or technology.	☐	☐	☐	☐
I was able to explore and practice skills related to a career.	☐	☐	☐	☐
I was introduced to science in a new way today.	☐	☐	☐	☐
I experienced science in a different way than I do in school.	☐	☐	☐	☐
I learned about opportunities at the University of Nebraska-Lincoln to study science, engineering or technology related fields.	☐	☐	☐	☐
I am interested in exploring topics we learned today in my classes.	☐	☐	☐	☐
I can see myself in a career we discussed today.	☐	☐	☐	☐
I think about science and its impact on my life differently after today's experience.	☐	☐	☐	☐

Please respond to the following short-answer questions.

1. **What is the most important thing you learned from your sessions today and how do you think that will affect your future?**

2. **What topic are you most likely to explore further?**

Which of the following science process skills did you practice today? *(Mark <u>each</u> box ☒that applies to you.)*

☐ Analyze/Interpret/Reason
☐ Observe
☐ Hypothesize
☐ Test
☐ Categorize
☐ Question
☐ Problem Solve
☐ Measure
☐ Build
☐ Redesign
☐ Predict
☐ Use Tools

Please mark the best response to the following questions.	***Yes***	***No***
Wind power is a renewable energy source created by the sun heating the earth unevenly.	☐	☐
I know that products I use every day are by-products from animal agriculture.	☐	☐
Water stored in a lake has kinetic energy.	☐	☐
The only way to determine the nitrogen status of a plant is to physically sample the plant.	☐	☐
When heterozygous parents both carry a copy of a recessive gene, 75% of the offspring will exhibit the recessive trait?	☐	☐
I learned about the anatomy and physiology of the ruminant's digestive system.	☐	☐
Would you recommend the 4-H Youth Science Field Day to other students?	☐	☐

Are you currently a 4-H member? _____Yes _____No

What grade are you in? _____ Grade

Which of the following best describes your gender? _____Female _____Male

Which of the following best describe your race? (Mark each that applies to you.)

_____ American Indian or Alaskan Native _____ Asian

_____ Black or African American _____ Native Hawaiian or Other Pacific Islander

_____ White

Which of the following best describe your ethnicity? (Mark one)

_____ Hispanic or Latino _____ Not Hispanic or Latino