

STATE QUALIFIERS

2008

JUNIOR DIVISION

STATE FAIR FINALISTS (BLUE RIBBON)

1	138 Danielle Bosch	Tappen
2	109 Jennifer Mahin	Tappen
3	130 Amber Rangeloff	Tappen
4	137 Abigail Belmore	Ellendale
5	135 Kendal Fey	Ashley
6	115 Brianna Vance	Ellendale
7	118 Jonathan Borg	Ellendale
8	128 Caitlin Mittleider	Tappen
9	129 Elizabeth Bowens	Ashley
10	125 Carl Entzi	Ashley
11	133 Nicholas Knoblich	Ashley
12	134 Matthew Martin	Ellendale
13	120 BreAnna Stroh	Tappen
14	127 Wendy Eszlinger	Ashley
15	105 Adam Wishek	Ashley
16	122 Emily Wang	Ellendale

ALTERNATES TO STATE FAIR (HONORABLE MENTION RIBBON)

Rank in order with 1 the best of the alternates.

1	111 James Johnston	Ellendale
2	110 Caleb Wagner	LaMoure
3	106 Allison Barnick	Tappen
4	126 Tia Briese	Tappen

SENIOR DIVISION

STATE FAIR FINALIST (BLUE RIBBON)

1	208 Brandon Stroh	Tappen
2	215 Laura Juelfs	Tappen
3	236 Alexander McHenry	Tappen
4	211 Robert Puffe	LaMoure
5	231 Donovan Flaherty	Ellendale
6	221 Ryan Flynn	Ellendale
7	234 Kyle Ketterling	Ellendale
8	226 Kiley Fuller	Ellendale
9	207 Bea Fisher	Ashley
10	219 Sarah Johnston	Ellendale
11	229 Dalton Toay	Edgeley
12	206 Tyler Hokana	Ellendale
13	240 Taylar Hack	Ellendale
14	205 Jenna McDowell	Edgeley
15	233 Jonathan Juelfs	Juelfs Home School
16	204 Kyah Loeks	LaMoure

ALTERNATES TO STATE FAIR (HONORABLE MENTION RIBBON)

Rank in order with 1 the best of the alternates.

1	241 Larissa Rott	Ashley
2	214 Taylor Erickson	Edgeley
3	228 Jared Mittleider	Tappen
4	202 Mollie Henke	Ashley

TO BE NAMED AT THE STATE SCIENCE FAIR IN FARGO APRIL 4, 2008.

OUTSTANDING YOUNG SCIENTIST - SR. DIVISION

**RUNNER UP - JAMESTOWN COLLEGE NATURAL SCIENCE DIVISION
\$18,000 SCHOLARSHIP TO JAMESTOWN COLLEGE**

1	#N/A	#N/A
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**SWEEPSTAKE AWARD - TRAVELING TROPHY TO SCHOOL AND FROM
JAMESTOWN COLLEGE NATURAL SCIENCE DIVISION \$14,000 SCHOLARSHIP**

1	#N/A	#N/A
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NATIONAL AWARDS

AMERICAN METEOROLOGICAL SOCIETY

The American Meteorological Society offers two Certificates of Outstanding Achievement to student exhibitors in **Junior or Senior Division** with participation in the atmospheric and related oceanic and hydrologic sciences.

1. (Certificate) - 115 Brianna Vance Ellendale
2. (Certificate) - 126 Tia Briese Tappen

AMERICAN PSYCHOLOGICAL ASSOCIATION

This award recognizes outstanding research in psychology under the category of behavioral and social sciences.

1. (Certificate) - 205 Jenna McDowell Edgeley

ASM INTERNATIONAL FOUNDATION

This award recognizes the winner in **Junior or Senior Division** of the best materials engineering project. Criteria for the award is: 1) best use of materials-related concepts and 2) demonstration of some aspect of the materials paradigm, i.e., structure-processing-properties-performance relationships.

1. (Certificate & Medallion) - 215 Laura Juelfs Tappen

ASSOCIATION FOR WOMEN GEOSCIENTISTS

The Association for Women Geoscientists is pleased to provide an Award Certificate to female students in **Junior or Senior Division** whose projects, in the opinion of the judges, exemplify high standards of innovativeness and scientific excellence in the geosciences. Special consideration will be given to projects that increase the public awareness of the geosciences, illustrate the interdisciplinary nature of the geosciences, or promote the sensitivity to the earth as a global system.

1. (Certificate) - 207 Bea Fisher Ashley

SOCIETY FOR SCIENCE & THE PUBLIC (JR DIVISION ONLY)

Society for Science & the Public is designed to award students in **Junior Division** for their knowledge of science and their ability to conduct independent research as evidenced through a science fair project.

1. (Certificate) -	114 Anna Cruz	Ashley
2. (Certificate) -	136 Taylor Demaray	Tappen
3. (Certificate) -	101 Richelle Olson	Ellendale
4. (Certificate) -	119 Skylar Helfenstein	Ashley
5. (Certificate) -	108 Travis Schnabel	Ashley
6. (Certificate) -	131 Kayla Barton	Ellendale
7. (Certificate) -	111 James Johnston	Ellendale
8. (Certificate) -	106 Allison Barnick	Tappen
9. (Certificate) -	126 Tia Briese	Tappen
10. (Certificate) -	112 Dalton Piatz	Ashley

HERBERT HOOVER YOUNG ENGINEER AWARD

The **Junior or Senior Division** student should have a good grasp of engineering fundamentals, demonstrate competence in one or more engineering disciplines, and show good communication skills by effectively explaining his/her project.

1. (Certificate & Medallion) -	118 Jonathan Borg	Ellendale
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INTEL EXCELLENCE IN COMPUTER SCIENCE

Each affiliated fair that has a computer science category may offer **one** Intel Excellence in Computer Science Award to the top first place winner of the Computer Science category in the **Senior Division** portion of the fair.

1. (Certificate, \$200) -	#N/A	#N/A
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MU ALPHA THETA

Mu Alpha Theta wishes to provide **one** award to the project demonstrating the most challenging, thorough, and creative investigation of a problem involving modern mathematics.

1. (Certificate) -	#N/A	#N/A
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NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

The National Society of Professional Engineers and Professional Engineers in Industry is pleased to provide an award to recognize the most outstanding engineering project.

1. (Certificate, supporting material, one-year subscription to Engineering Times) -
215 Laura Juelfs

Tappen

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)

Award to the individual, selected from among all the general award categories, whose research emphasizes NOAA's mission to understand and predict changes in Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and environmental needs.

1. (Certificate) - 122 Emily Wang Ellendale

RICOH SUSTAINABLE DEVELOPMENT AWARD

Award to the individual, selected from among all the general award categories, whose principles and technical innovations offer the greatest potential for increasing our ability to grow environmentally friendly and socially responsible businesses.

1. (Subscription to Science News Magazine) - 236 Alexander McHenry Tappen

SCIENTIFIC AMERICAN AWARD

Award is presented to five students for their outstanding achievement in education. No criteria is established for the award as it is presented at your discretion to **Junior or Senior Division** participants.

1. (Subscription to Scientific American) - 138 Danielle Bosch Tappen
2. (Subscription to Scientific American) - 109 Jennifer Mahin Tappen
3. (Subscription to Scientific American) - 215 Laura Juelfs Tappen
4. (Subscription to Scientific American) - 207 Bea Fisher Ashley
5. (Subscription to Scientific American) - 236 Alexander McHenry Tappen

SOCIETY FOR IN VITRO BIOLOGY

Awarded to the most outstanding **11th grade student** exhibiting in the areas of plant or animal in vitro biology or tissue culture.

1. (Certificate) - #N/A #N/A

STOCKHOLM JUNIOR WATER PRIZE

This award is presented to the best science fair project in **Senior Division** related to water quality, water resource management, water protection, water or wastewater treatment.

1. (Certificate) - 207 Bea Fisher Ashley

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

The U.S. Public Health Service offers a special challenge for students in **Junior or Senior Division** to develop science projects in regional science fairs that creatively illustrate and expand upon the following:

1. Regular physical activity throughout life is important for maintaining a healthy body, enhancing psychological well being, and preventing premature death.
2. A healthy diet and regular physical activity are both important for maintaining a healthy weight.
3. Tobacco use is a major risk factor for heart disease, stroke, lung cancer, and chronic lung diseases-all leading causes of death.

1. (Certificate) - 234 Kyle Ketterling Ellendale

U.S. METRIC ASSOCIATION

The U.S. Metric Association is providing one certificate to be presented to the student in **Junior or Senior Division** whose project involves a significant amount of quantitative measurement and which best uses the SI metric system for those measurements.

1. (Certificate) - 130 Amber Rangeloff Tappen

YALE SCIENCE AND ENGINEERING AWARD

The Yale Science and Engineering award is presented to the most outstanding **11th grade student** exhibiting in the areas of Computer Science, Engineering, Physics, or Chemistry.

1. (Certificate) - 235 Tyler Meidinger Ashley

MILITARY AWARDS

U.S. AIR FORCE

Planner, Scientific Calculator, Flash Driver, Pen & Pencil Set

JR. DIVISION

1	134 Matthew Martin	Ellendale
2	135 Kendal Fey	Ashley

SR. DIVISION

1	236 Alexander McHenry	Tappen
2	232 Reanna Klipfel	Ashley

U.S. ARMY

The Army Awards Program provides recognition to outstanding student exhibitors in the categories of Engineering, Environmental Sciences, Life Sciences, Mathematics/Computer Sciences, and Physical Sciences. Exhibitors in **grades 9 through 12** are eligible for recognition.

Categories:

1. **Engineering:** (Certificate) - 215 Laura Juelfs Tappen
2. **Environmental Sciences:** (may include projects in Earth and Space or Environmental Sciences) - (Certificate) - 207 Bea Fisher Ashley
3. **Mathematics/Computer Science:** (Certificate) - 206 Tyler Hokana Ellendale
4. **Life Sciences:** (may include projects in Behavioral and Social Sciences, Medicine and Health, Microbiology, Zoology, or Botany) - (Certificate) - 204 Kyah Loeks LaMoure
5. **Physical Sciences:** (may include projects in Biochemistry, Chemistry, or Physics) (Certificate) - 229 Dalton Toay Edgeley

***Each individual above will also receive a polo shirt bearing the Army's science fair logo.**

***Pick one individual as the best of category winner.**

OUTSTANDING CATEGORY WINNER: *Select from # 6* (Medallion) -

207 Bea Fisher Ashley

7. 10 Additional Projects Can Be Recognized

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|---------------------|---------------------|-----------|
| 1. (Certificate) - | 205 Jenna McDowell | Edgeley |
| 2. (Certificate) - | 208 Brandon Stroh | Tappen |
| 3. (Certificate) - | 214 Taylor Erickson | Edgeley |
| 4. (Certificate) - | 219 Sarah Johnston | Ellendale |
| 5. (Certificate) - | 240 Taylar Hack | Ellendale |
| 6. (Certificate) - | 234 Kyle Ketterling | Ellendale |
| 7. (Certificate) - | #N/A | #N/A |
| 8. (Certificate) - | #N/A | #N/A |
| 9. (Certificate) - | #N/A | #N/A |
| 10. (Certificate) - | #N/A | #N/A |

U.S. NAVY/U.S. MARINES

Students in ***Junior and Senior Divisions*** whose projects are considered to demonstrate excellence in science or engineering can be recognized as U.S. Navy and Marine Corps Distinguished Achievement winners.

JR. DIVISION

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|--------------------------------|---------------------|--------|
| 1. (Certificate & Medallion) - | 138 Danielle Bosch | Tappen |
| 2. (Certificate & Medallion)- | 130 Amber Rangeloff | Tappen |
| 3. (Certificate & Medallion) - | 127 Wendy Eszlinger | Ashley |

SR. DIVISION

- | | | |
|--------------------------------|-----------------------|-----------|
| 1. (Certificate & Medallion) - | 236 Alexander McHenry | Tappen |
| 2. (Certificate & Medallion) - | 219 Sarah Johnston | Ellendale |
| 3. (Certificate & Medallion) - | 208 Brandon Stroh | Tappen |

REGIONAL AWARDS

BEST BEHAVIORAL & SOCIAL SCIENCE PROJECTS

PROGRESS ENTERPRISES

The award is presented to the most outstanding project in **Junior and Senior Division** related to Behavioral & Social Sciences. Plaque to first place winner and certificate to second place winner.

JR. DIVISION

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|--------------------|------|------|
| 1. (Plaque) - | #N/A | #N/A |
| 2. (Certificate) - | #N/A | #N/A |

SR. DIVISION

- | | | |
|--------------------|--------------------|---------|
| 1. (Plaque) - | 205 Jenna McDowell | Edgeley |
| 2. (Certificate) - | 230 Kaia Armitage | LaMoure |

BEST PLANT SCIENCES PROJECTS

DICKEY AND LAMOURE EXTENSION SERVICE OFFICES

The award is presented to the most outstanding project in **Junior and Senior Division** related to Plant Sciences. Plaque to first place winner and certificate to second place winner.

JR. DIVISION

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|--------------------|------------------------|--------|
| 1. (Plaque) - | 128 Caitlin Mittleider | Tappen |
| 2. (Certificate) - | 129 Elizabeth Bowens | Ashley |

SR. DIVISION

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|--------------------|--------------------|-----------|
| 1. (Plaque) - | 208 Brandon Stroh | Tappen |
| 2. (Certificate) - | 219 Sarah Johnston | Ellendale |

BEST MEDICAL PROJECTS

WISHEK COMMUNITY HOSPITAL

The award is presented to the most outstanding project in **Junior Division** related to medicine & health. Plaque to first place winner and certificate to second place winner.

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|--------------------|--------------------|--------|
| 1. (Plaque) - | 138 Danielle Bosch | Tappen |
| 2. (Certificate) - | #N/A | #N/A |

ELLEDALE AVERA ST. LUKES CLINIC

The award is presented to the most outstanding project in **Senior Division** related to medicine & health. Plaque to first place winner and certificate to second place winner.

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| 1. (Plaque) - | 234 Kyle Ketterling | Ellendale |
| 2. (Certificate) - | 204 Kyah Loeks | LaMoure |

BEST CHEMISTRY PROJECTS

AMERICAN CHEMICAL SOCIETY (Red River Valley Section)

Award is presented to the Outstanding Chemistry or Chemistry Related Project.

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| 1. (Certificate, \$100 Savings Bond) - | 134 Matthew Martin | Ellendale |
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J FAMILY FARMS

Award is presented to the Outstanding **Junior and Senior Division** Chemistry or Chemistry Related Project. Plaque to first place winner and certificate to second place winner.

JR. DIVISION

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|--------------------|---------------------|-----------|
| 1. (Plaque) - | 127 Wendy Eszlinger | Ashley |
| 2. (Certificate) - | 134 Matthew Martin | Ellendale |

SR. DIVISION

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|-------------------|----------------------|-----------|
| 1. (Plaque)- | 213 Caitlin Miller | Ashley |
| 2. (Certificate)- | 231 Donovan Flaherty | Ellendale |

MISCELLANEOUS - Scientific Principles

CAVENDISH FARMS

Award to the project in the **Junior Division** for best illustration of scientific principles, i.e., the best use of the scientific method.

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|--------------------------|---------------------|--------|
| 1. (Certificate, \$25) - | 130 Amber Rangeloff | Tappen |
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CAVENDISH FARMS

Awarded to the project for best illustration of scientific principles, i.e., the best use of the scientific method. (**Senior Division**)

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|--------------------------|------------------|--------|
| 1. (Certificate, \$25) - | 215 Laura Juelfs | Tappen |
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ENVIRONMENTAL SCIENCES

PATRICK AND VALERIE LEIER FAMILY

Award to the project in the **Senior Division** related to environmental management. Plaque to the first place winner and certificate to the second place winner.

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| 1. (Plaque) - | 207 Bea Fisher | Ashley |
| 2. (Certificate) - | 236 Alexander McHenry | Tappen |

CONSERVATION/ENVIRONMENTAL

COALITION FOR CONSERVATION AND ENVIRONMENTAL EDUCATION

A large purple rosette ribbon is presented for a Grand Champion Environmental Award in **Junior or Senior Division** for regional competition.

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|------------------------------|----------------|--------|
| 1. (Purple Rosette Ribbon) - | 207 Bea Fisher | Ashley |
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WILDLIFE

CONSERVATION-STUTSMAN COUNTY WILDLIFE FEDERATION

JR. DIVISION

- | | | |
|--------------------|----------------------|--------|
| 1. (Plaque) - | 102 Tanner Meidinger | Ashley |
| 2. (Certificate) - | #N/A | #N/A |

SR. DIVISION

- | | | |
|--------------------|------|------|
| 1. (Plaque) - | #N/A | #N/A |
| 2. (Certificate) - | #N/A | #N/A |

BEST ENERGY PROJECTS

DAKOTA VALLEY ELECTRIC COOPERATIVE

The award is presented to the most outstanding project in **Junior Division** related to energy or energy principles. Plaque to first place winner and certificate to second place winner.

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|--------------------|--------------------|--------|
| 1. (Plaque) - | 109 Jennifer Mahin | Tappen |
| 2. (Certificate) - | #N/A | #N/A |

MONTANA DAKOTA UTILITIES ENERGY AWARD

The award is presented to the most outstanding project in **Senior Division** related to energy or energy principles. Plaque to first place winner and certificate to second place winner.

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|--------------------|-----------------------|--------|
| 1. (Plaque) - | 215 Laura Juelfs | Tappen |
| 2. (Certificate) - | 236 Alexander McHenry | Tappen |

BEST ENGINEERING PROJECTS

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

The award is presented to the most outstanding project in **Junior and Senior Division** related to Engineering. Plaque to first place winner and certificate to second place winner in each division.

JR. DIVISION

- | | | |
|--------------------|-------------------|-----------|
| 1. (Plaque) - | 118 Jonathan Borg | Ellendale |
| 2. (Certificate) - | #N/A | #N/A |

SR. DIVISION

- | | | |
|--------------------|---------------------|--------------------|
| 1. (Plaque) - | 227 Josh Ulmer | Ashley |
| 2. (Certificate) - | 233 Jonathan Juelfs | Juelfs Home School |

BEST MATHEMATICS/PHYSICS PROJECTS

WISHEK STEEL & MANUFACTURING

The award is presented to the most outstanding project in **Junior Division** related to Mathematics and Physics. Plaque to first place winner and certificate to second place winner.

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|--------------------|---------------------|--------|
| 1. (Plaque) - | 109 Jennifer Mahin | Tappen |
| 2. (Certificate) - | 130 Amber Rangeloff | Tappen |

SAYLER IMPLEMENT INC. - WISHEK

The award is presented to the most outstanding project in **Senior Division** related to Mathematics and Physics. Plaque to first place winner and certificate to second place winner.

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|--------------------|-------------------|-----------|
| 1. (Plaque) - | 220 Zach Leier | Tappen |
| 2. (Certificate) - | 223 Kasie Kinzler | Ellendale |

CONSERVATION/AGRICULTURAL/ENVIRONMENTAL ANALYSIS

STUTSMAN COUNTY SOIL CONSERVATION

The award is presented to the best environmental analysis project in **Junior and Senior Divisions**. Plaque to first place winner and certificate to second place winner in each division.

JR. DIVISION

- | | | |
|--------------------|------------------|---------|
| 1. (Plaque) - | 135 Kendal Fey | Ashley |
| 2. (Certificate) - | 110 Caleb Wagner | LaMoure |

SR. DIVISION

- | | | |
|--------------------|---------------------|---------|
| 1. (Plaque) - | 208 Brandon Stroh | Tappen |
| 2. (Certificate) - | 214 Taylor Erickson | Edgeley |

DRINKING WATER RELATED

RURAL WATER USERS ASSOCIATION

The award is presented to the most outstanding project in **Junior or Senior Division** related to drinking water.

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|----------------------|-----------------------|--------|
| 1. (Plaque & \$50) - | 133 Nicholas Knoblich | Ashley |
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BEST ANIMAL SCIENCE PROJECTS

PRAIRIE VETERINARY HOSPITAL, WISHEK VETERINARY CLINIC, ELLENDALE ANIMAL HOSPITAL, ASHLEY VETERINARY CLINIC

The award is presented to the most outstanding project in **Junior and Senior Divisions** related to Animal Sciences. Plaque to first place winner and certificate to second place winner.

JR. DIVISION

- | | | |
|--------------------|----------------------|--------|
| 1. (Plaque) - | 102 Tanner Meidinger | Ashley |
| 2. (Certificate) - | #N/A | #N/A |

SR. DIVISION

- | | | |
|--------------------|------|------|
| 1. (Plaque) - | #N/A | #N/A |
| 2. (Certificate) - | #N/A | #N/A |

MICROBIOLOGY

TITAN MACHINERY

The award is presented to the most outstanding project in ***Junior and Senior Divisions*** related to microbiology. Plaque to the first place winner and certificate to second place winner.

JR. DIVISION

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|--------------------|--------------------|-----------|
| 1. (Plaque) - | 138 Danielle Bosch | Tappen |
| 2. (Certificate) - | 122 Emily Wang | Ellendale |

SR. DIVISION

- | | | |
|--------------------|------------------|-----------|
| 1. (Plaque) - | 221 Ryan Flynn | Ellendale |
| 2. (Certificate) - | 226 Kiley Fuller | Ellendale |

WATER QUALITY

SOUTHEAST WATER USERS

The award is presented to the most outstanding project in ***Junior and Senior Divisions*** related to water quality. Plaque to the first place winner and certificate to second place winner.

JR. DIVISION

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|--------------------|----------------------|-----------|
| 1. (Plaque) - | 106 Allison Barnick | Tappen |
| 2. (Certificate) - | 124 Jordan Morrissey | Ellendale |

SR. DIVISION

- | | | |
|--------------------|-----------------|---------|
| 1. (Plaque) - | 207 Bea Fisher | Ashley |
| 2. (Certificate) - | 229 Dalton Toay | Edgeley |

PHOTOGRAPHY

SCHOOL PRIDE GROUP

This award is presented to the most outstanding project in ***Junior and Senior Division*** that uses photography to best illustrate concepts or results.

JR. DIVISION

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|------------------------------|------------------|---------|
| 1. (Certificate & Camera Ca: | 110 Caleb Wagner | LaMoure |
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SR. DIVISION

- | | | |
|------------------------------|---------------------|--------|
| 1. (Certificate & Camera Ca: | 235 Tyler Meidinger | Ashley |
|------------------------------|---------------------|--------|