



Jared Hall and Andrew Pettibone (above) prepared to launch their catapult in the Storm the Castle competition at the state Science Olympiad at Wichita State University. Aaron Duell and Molly Witzel (below) were pleased with their robot scambler after it stopped .8 of a centimeter from the barrier.

Photos by Dennis Friedrichs/Goodland High School

# Science Olympiad team sixth

Thirty schools competed in the State Science Olympiad in Wichita, with Goodland High finishing sixth in the small-school division and 19th overall.

Fifteen small schools participated and Goodland was sixth with 97 points.

The competition was held April 1 at Wichita State University, and coach Dennis Friedrichs said this was the eighth year the Goodland team has qualified for the event. He said the Science Olympiad team organized nine years ago with the help of assistant coach Duane Unger.

Kapaun-Mount Carmel High School of Wichita was first overall and Wichita Collegiate second.

"Science Olympiad gives the students an opportunity to see how they compare with other students from across the state in science, math and technology," Friedrichs said. "The kids start on their events in November with regional in February and ending in April at state. The kids on the team put in a lot of time and effort, and they represent Goodland very well."

Science Olympiad events are based on three broad areas, he said: science concepts and knowledge, science processes and inquiry skills and science application and technology.

Jared Hall and Andrew Pettibone finished fourth overall and third in the small-school division with their catapult in the Storm the Castle competition. The team had to design, construct, calibrate and operate a device capable of launching a projectile far and accurately using only the energy of a falling counterweight.

Matt Rohr and Pettibone were seventh overall and second in small-schools in Fermi Questions. Teams seek a fast, rough estimate of quantity in power(s) of 10.

Aaron Duell and Molly Witzel were seventh overall and fourth in small-schools in the Scambler competition. Teams design and build a mechanical device which uses the energy from a falling mass to transport an uncooked Grade A chicken egg along a straight track.

Witzel and Jonathan McClung were seventh overall and fourth in small-schools in the Remote Sensing competition. Teams use maps and remote sensing technology to explain human land use patterns and the relationship of a region's physical environment to the cultural landscape.

Rohr and Devin Mangus were 10th overall and third in small-schools in Practical Problem Solv-



ing. Students solve practical science problems.

Kali Rietcheck and Rohr were 12th overall and sixth in small-schools in Write it-Do it, a technical writing exercise where students write a description of a contraption and other students attempt to recreate it using only the written description.

Mangus and Duell were 13th overall and seventh in small-schools in Circuit Lab. Students compete in activities involving knowledge of direct current (dc) electrical circuits.

Rietcheck and Dallas Price were

14th overall and fifth in small-schools in Tower Building. Teams design, build and test the lightest tower to carry a maximum load.

Derek Fenner and Rohr were 16th overall and seventh in small-schools in Wright Stuff. Teams design and build a propeller-driven aerodynamic device for greatest time aloft.

Hall and McClung were 17th overall and seventh in small-schools in Compute This. Teams solve a problem that requires quantitative data capture from the public Internet and the electronic organization and presentation of data in

a graphical format.

McClung and Duell were 17th overall and seventh in small-school in Robot Ramble. Students design and build a robot capable of performing certain tasks.

Other team members were Sarah Borneman, Mack Witzel and Heidi Yonkey.

Events the team competed in where no team point were scored were Forensics, Don't But Me, Chemistry Lab, Dynamic Planet, Astronomy, Physics Lab, Disease Detective, Health Science, Rocks and Minerals, Ecology, Designer Genes and Food Science.

## 4-H news

### January meeting

The Goodland Livewires held their January meeting at 7 p.m. Monday, Jan. 16, in the 4-H building.

President Courtney Sheldon called the meeting to order, and roll call was answered by "What is your favorite thing to do on a Saturday morning?" There were 40 members, two leaders and one guest.

Kaleb Zwick led the club in singing "God Bless My Underwear," followed by the flag salute. Then secretary Michael Johnson read the previous minutes, and president Courtney Sheldon signed them.

There were no communications, then it was time for the officers to report. Treasurer Colton Cooper said the club had a balance of \$1,117. Reporter Ian Bonsall said he typed and turned the minutes in to the newspaper office, then cheer person Cy Paxton asked if there were any January birthdays and led the club in singing "Happy Birthday" to the club members.

Council members Amber Cowan and Cassie Cooper reported that there would be no hay bales this year, historian Ellie House reported that pictures were needed, then leader Michelle Cooper told the club about Genesis and swimming for the Christmas party and that the club had cookbooks that were for sale.

Leader Gennifer House told the club about the program books and that radio talks could be at any time.

There were no reports of committees and no unfinished business. For new business, Sammie Philbrick and Devin Mangus came to talk to the members about becoming a 4-H Ambassador.

For the program, Kaleb Zwick did a demonstration on capers, Cooper Slough did a demonstration on finger weaving and Gage Owens did a project talk on arts and crafts. Drew House gave a health and safety tip on how to wash your hands, and "other" was done by Ellie House on playing a piano.

Next, recreation was done; Raquel Tomsic had the club do a word search. The meeting was adjourned by saying the club motto and putting the chairs away.

### February meeting

The Goodland Livewires held their February meeting at 7 p.m. Monday, Feb. 20, in the 4-H building. President Courtney Sheldon called the meeting to order, and roll call was answered by "What is your favorite thing to do on a Saturday morning?" There were 40 members, two leaders and one guest.

Kaleb Zwick led the club in singing "God Bless My Underwear," followed by the flag salute. Then secretary Michael Johnson read the previous minutes, and president Courtney Sheldon signed them. There were no communications, then it was time for the officers to report. Treasurer Colton Cooper said the club had a balance of \$1,048. Reporter Ian Bonsall said he had typed the minutes and turned them in to the newspaper office. Then cheer person Cy Paxton asked if there were any February birthdays and led the club in singing "Happy Birthday" to the club members.

Council members Amber Cowan and Cassie Cooper reported that the next meeting would be on March 7, historian Ellie House reported that pictures were needed. Then leader Michelle Cooper told the club about 4-H days and talent night, model meeting and beef weigh-in. Next, leader Gennifer House told the club about radio talks for the month of March.

For the reports of committees, they talked about the ceremony for model meeting and skits for 4-H days and talent night. There was no unfinished business and no new business.

For the program, Ellie House did a demonstration on her sewing project. Cooper Slough did a project talk on germs and Julica Bonsall did a project talk on interior design.

Courtney Sheldon also did a project talk on the "Shadow Lamb Project," Ian Bonsall gave a health and safety tip, and "other" was done by Mikail Freeman on playing an instrument.

Next, recreation was done by Alexis Stasser; she had the club play "Switched." Then the meeting was adjourned by saying the club motto and putting the chairs away.

Submitted by Club Reporter Ian Bonsall.

## matters of record

### Accidents

The following accidents were investigated by the Goodland Police Department.

**April 2** — 6:50 p.m. Sycamore Road and Maple Drive, a 1996 Chrysler driven by Lacy Dawn Sargent, was driving west on Sycamore when she hit a 1995 Jeep driven by Jason Johnson. Sargent said she could not see due to the sun being in her eyes.

**April 4** — 5:52 p.m., 1306

Grand, a 2002 Ford driven by Marvin E. Selby, was backing out of the driveway and did not see a motorized wheelchair driven by Joyce Owens.

### Goodland Police

The following crimes have been reported to the Goodland Police Department:

**April 1** — 11:21 a.m., 605 Caldwell, arrested Noe Musquiz on a warrant. Case referred to county attorney.

<p><b>April 14-20</b> <b>Failure to Launch</b> PG-13: Sexual content; partial nudity; language.</p>	<p>Bring this AD to the theatre for \$1 OFF on a large popcorn &amp; 2 med. drinks EXP. 12/31/06</p>	<p>Nightly 7:00 No Easter Sunday Matinee Movie Bucks Make Great Gifts! www.goodlandnet.com/movies <b>Sherman</b> 1203 Main - Phone 899-6103</p>
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