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March 28, 2012

Grover RoboStars advancing to regional competition in robotics



Left to right, Alyssa Newton, Grace Whitaker, Breanna Webb, Vega Weston, Simon West, Tristan Stenger, Triston Hannon; and second row, Dawn Hicks and Thomas Hicks are winners in Grover's CyberKids Robotics team.

won first place overall in the recent Cleveland County Schools, CyberKids Robotics Tournament. The team will advance with six others from the district to the regionals at Catawba Valley Community College in Hickory on April 21.

The CyberKids Robotics Competition Program is a hands-on learning experience for children in grades four through nine. In the competition, children learn team work and polish their skills in math, science, computer programming and critical thinking to design and build a robot that completes required missions. Each team writes com-

puter programs to make their robot complete the missions. Teams earn points based on how their

The Grover RoboStars robot successfully finishes the tasks in two-and-a-half minutes.

> CyberKids Robotics, a non-profit education company dedicated to improving the STEM education of students in the Carolinas and Virginia, provides all computers, software and robotics equipment used.

A CyberKids coach brings all required computer and robotics equipment to schools for practice sessions each month. In the sessions, students learn how to design, build and program their competition robots.

Each team conducts research on a topic that is special to each annual competition. After the research is complete, the team creates a special presentation to present to a panel of judges at the competition.

Also advancing with the Grover RoboStars are the Fallston RoboDogs, who finished first in teamwork; Shelby Intermediate's Juice Botz, which finished first in project presentation; Shelby Intermediate's Peanuts, which finished first in robot performance; Burns Middle's RoboPros, which finished second overall; and Shelby Intermediate's Cyberbananas, which finished third overall. The two teams, which did not advance, were Burns Middle's Android Storm and Shelby Intermediate's Jiggly Udders.

Grover's team consisted of eight fourth graders and was led by the school's AIG teacher Dawn Hicks. The team won overall with 153 points.

Fair inventions at North

North Elementary's fourth grade reading AIG students recently studied inventors and inventions and then joined the rank of Thomas Edisons in a fair. As part of this unit of study, students were challenged to become inventors.

They were asked to think of a problem in their daily lives and to come up with an invention that would solve their

problem. After two months of research on various inventions and inventors, the students put on an inventor's fair to show off their new inventions.





North Elementary inventors Jacob Cox and Layla Harris.



704.739.7776

April 2 6 p.m.

3025.

CRMC Cancer Center

April 4 10 a.m. - Noon

487-3983 to register.

April 4 Noon

Education Suite

A support group for patients

with all types of cancer. For more

information, please call 980-487-

Women's Life Center Conference

Room Open to all breastfeeding

mothers and nursing babies and

please call 980-487-3887 and 980-

Healthy Hearts Support Group

CRMC Gina C. Suttle Wellness

WINGS Cancer Support Group

Jasmyn Adams and Tracy Stewart with their inventions.

Pink Ribbon Network

April 5 12-1 p.m. CRMC Oncology Board Room A gathering for newly diagnosed breast cancer patients. Lunch served. To register, please call 980-487-3757.

Bridges

Breastfeeding Support Group April 9 2-3 p.m. CRMC Cancer Center & Mom to Mom Support Group A special educational program to aid recovery during the postoperative period after a mastectomy or lumpectomy. Register two weeks after mastectomy or lumpectomy by expectant moms who are interested in calling 980-487-3757. breastfeeding. For more information,

Kangaroo Kapers

April 16 6 p.m. CRMC Women's Life Center Conference Room Provides children expecting a brother or sister a positive introduction to the hospital and to what life will be like with a new baby. Pre-registration is required. Please call 980-487-3983.

Bridges

April 23 2-3 p.m. CRMC Cancer Center A special educational program to aid recovery during the postoperative period after a mastectomy or lumpectomy. Register two weeks after mastectomy or lumpectomy by calling 980-487-3757.

Expectant Grandparents

April 23 6 p.m. CRMC Women's Life Center Conference Room For first time grandparents, insights into what to expect with the new grandchild. To register, please call 980-487-3983.

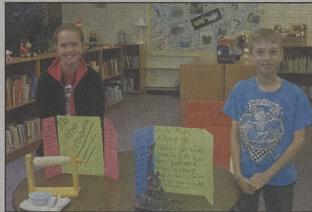
Life as a Sulcide Survivor

April 24 11:30 a.m. - 1:30 p.m. Cleveland County Library Conference Room 104 Howie Drive This program is for anyone who has suffered the loss of someone close to them by the taking of their own life.



Top: Jada Spaulding, Mary Robinson, and Rexen Venevongsoth stand with their inventions.

Bottom: Savanna Briggs and Shane Szathmary stand with their inventions.



Diabetes Wellness & Resource Group

April 26 5:30 p.m. **CRMC** Auditorium "Protecting Your Nervous System From Diabetes" discussion led by Carolina Neurology. For more information, please call 980-487-3953.

Daddy Boot Camp

April 30 6 - 9 pm Dad lead training for expectant fathers

Women's Life Center Conference Room It allows man to man discussion with the opportunity to hear experiences and gain insight from recently new fathers and get helpful hints from facilitators. Fee: \$10 For more information, please call 980-487-3887 and 980-487-3983 to register.

PROGRAMS TO HELP YOU BUILD A HEALTHIER LIFE

APRIL 2012

T. R. Harris Wellness Center "Changing Behavior (Smoking)" For more information, please call 980-487-3659. Some programs may require pre-registration or appointments. Some require a fee.

Cleveland County HealthCare System www.clevelandcountybealthcaresystem.org