

4-Hers learn about global positioning

By Ron Wilson
Director of the Huck Boyd National Institute for Rural Development at Kansas State University
 Using their global positioning system equipment, the team members move along the Kansas River, digitally mapping the erosion along the bank.
 Does this sound like an engineering project? Maybe a group of high-tech consultants? It is, but there's something different about this group of technicians: Their average fourteen years old.
 This is part of a special project to involve 4-Hers in serving their communities while learning about geospatial technology.
 Beth Hecht is a K-State Research and Extension associate specialist in geospatial literacy with the Depart-

ment of 4-H Youth Development. From a rural area, she is giving leadership to this unique initiative.
 Beth had been a 4-H agent for 17 years. A Penn State grad, she met her future husband while visiting Kansas City. She relocated to Kansas and became the Leavenworth County 4-H youth development agent. Beth and her husband settled near the unincorporated community of Jarbalo with a population of maybe 100 people. Now, that's rural.
 In 2006, Beth went to the National 4-H Agents Association conference in Wisconsin. She signed up for a pre-conference session and booked flights, only to find that the session for which she had signed up was cancelled. Instead, she went to a different session on an unfamiliar topic: Global Positioning System and Geographic Information Systems, or GPS and GIS for short.

She had heard of GPS and GIS from some 4-Hers but didn't know what they really meant. During the national preconference, 4-H members talked about how they had used GPS-GIS technology to map where crimes were being committed in their community during after-school hours, compared to where deputies were located. They shared their findings with the local police department, which made adjustments and reduced crime by some 20 percent. Beth was immediately excited by what she heard.
 "In the first five minutes, I was hooked. Sign me up to learn how they did that," Beth said.
 She got a grant which provided software and support to youth in her county to do GPS/GIS-related work. Leavenworth County created a tech team involving 4-Hers in various community service projects

utilizing GPS and GIS technology. The 4-H members were locating certain items or information using handheld devices and entering the data on computers with special software.
 For example, the tech team digitally mapped such locations as the water sprinklers at a local recreation park, the one-room schoolhouses around the county, and riverbank erosion along the Kansas River. To accomplish the latter, team members used GPS devices and gathered data for the water marks along the Kansas River and then plotted the points using GIS software. The 4-Hers presented the results of their work to the county GIS, planning and zoning, emergency management, and public works departments. The county GIS director applauded the excellent value of their project.
 This innovative work led to Beth

being named associate specialist in geospatial literacy for the state 4-H office. What is geospatial literacy? "It's the study of our space, the world around us, and how it connects together," Beth said. In practice, it means learning how to use global positioning satellite and geographic information system technology and applying it in a community setting. Kansas 4-H has launched a GeoTech Community Service Learning Program so that more 4-Hers can learn and utilize this technology.
 Beth sees benefits to both communities and 4-Hers: "Communities benefit from GIS as it allows information to be visualized and understood, helping to answer questions and solve problems, and the youth benefit from learning and applying this leading edge technology. They're developing critical

thinking skills as they gain hands-on knowledge about technology and their communities - stuff they're going to be using throughout their lives, in their careers."
 For more information, go to www.kansas4h.org.
 Having completed their digital mapping, the team members hit "enter" on their handheld computer devices, as they finish their GPS and GIS project.
 We commend Beth Hecht and all those involved with the geospatial literacy project for making a difference by benefitting their county while learning about this technology.
 While helping their community, these 4-Hers are also positioning themselves for rewarding careers in a global society.



Chase Topliff and Bailee Guyer

Goodland couple plans to wed in July

Bailee Guyer and Chase Topliff of Goodland will marry on Saturday, July 23, 2011, at the Goodland United Methodist Church, 12th and Sherman, Goodland with the Rev. Shelly Petz officiating.
 Her parents are Barry and Joni Guyer of Goodland and his parents are Randy and Jeannie Topliff of Goodland and Becky Topliff and Randy Waggoner of Abilene.
 The bride-to-be's grandparents are Sharon Mann and the late Darrell Mann and Lowell and Carol Guyer, all of Goodland, and the groom elect's grandparents are Dean and Myrna Topliff and Sharon Finley of Goodland and the late

Dennie Finley and the late Richard and Byrleen Groft.
 The bride-to-be graduated in 2005 from Goodland High School and in 2010 from Colby Community College as a certified massage therapist. She works for the Goodland School District at West Elementary School and at Beauty for Life as a massage therapist.
 The groom elect graduated in 2005 from Abilene High School and 2009 from Fort Hays State University with a degree in business and secondary education. He teaches business and marketing for Goodland High School.

Work backwards to solve problems

My little boy loves to work mazes. He's really good at them, but sometimes he will get a tough one and ask for my help. I'm not so good at mazes, but I know the secret.



jamie morphew

• business tips

Start at the end and work backwards.
 The secret works for more than just mazes. When faced with a tough problem, start at the end and work backwards.
 What would a successful outcome look like?
 With the end in mind work backwards and figure out the steps you need to take to reach your successful

outcome. Once you've figured out the path from a successful outcome to where you are now, you're ready to start with a clear direction.
 This tip was brought to you by Western Kansas Business Consulting, sponsored in part by Sherman County. For information contact Jamie Morphey at (620) 874-0771 or e-mail wkbc@wbsnet.org.

Worship warms the heart

Calvary Gospel Church
Pastor: Randy Payne
 Fourth & College • 890-3605
Sunday: Kid's Church: 10 am
 Morning Service: 10 am
 Prayer and Praise: 5:00 p.m.
Wednesday: Royal Rangers Missionettes 6:30 p.m.
 Adult mid-week service: 7:00 p.m.
 Youth @ the Rock House: 6:30 p.m.
 Adult mid-week service: 7:00 p.m.
www.calvarygospel.net

Our Lady of Perpetual Help
Pastor: Father Norbert Diabal
 307 W. 13th • 890-7205
Sacrament of Reconciliation:
 5-5:45 p.m. Saturday or by appointment
Mass Schedule:
 Saturday: 6 pm, Sunday: 10:30 am
Spanish Mass:
 Sunday: 12:30 pm



Word of Life
 10th & Clark • 899-5250
Pastor: (to be announced)
Services: (to be announced)
 A Foursquare Gospel Church

Pleasant Home Church
 Serving the rural community
 for over 100 years
 Rt. 1, Box 180 • 694-2807 • 3190 Road 70
Pastor: Perry Baird
 890-3375
Sunday: Worship Service: 9 a.m.
 Sunday School: 10 a.m.

Bible Baptist Church
Pastor: Clifford Middlebrooks
 Fifth & Broadway
 890-7368
Sunday: Sunday School: 9 a.m.
 Morning Service: 10 a.m.
 Evening Service: 6:30 p.m.
Wednesday: Evening Bible Study: 7 p.m.

Church of Jesus Christ of Latter-Day Saints
 1200 15th Street • Burlington, CO
 (719) 346-7984
Sacrament Meeting: 10 a.m.
Sunday School: 11:15 a.m.
Priesthood/Relief Society: 12 a.m.

Iglesia Del Dios Vivo
 La Luz Del Mundo
 Spanish Speaking Church
Minister: Esteban Ortiz B.
 1601 Texas • 899-5275
Daily Prayer: Sunday thru Saturday: 5a.m. & 6 p.m.
Sunday: Sunday School: 10 a.m.

United Methodist Church Brewster:
Pastor: Dorine Chambers
 Worship Service: 10:45 a.m. CST
 Sunday School: 9:45 a.m. CST
Winona:
Minister: Sheryl Johnson
 Worship Service: 9 a.m. CST
 Sunday School: 10:15 am CST

First Christian Church (Disciples of Christ)
Pastor: Rev. Carol Edling Jolly
 Eighth & Arcade • 890-5233
Sunday: Church School - All ages 9:15 a.m.
 Worship 10:30 a.m.
 Youth Group: 1st and 3rd Sundays 5-7 p.m.
Wednesday: Prayer Class - Noon
 Pastor Carol's Class 5:45 p.m.
www.goodlandfcdoc.org

Kanorado United Methodist Church
Pastor: Leonard Cox
 399-2468
Sunday: Sunday School: 9 a.m.
 Worship Service: 10:15 a.m.

Church of the Nazarene
Pastor: Bob Willis
 Third & Caldwell
 899-2080 or 899-3797
Sunday: Sunday School: 9:45 a.m.
 Worship Service: 10:50 a.m.
 Evening Service: 6 p.m.
Wednesday: Evening Service: 7 p.m.

Goodland United Methodist Church
 1116 Sherman 899-3631
Pastors: Dustin and Shelly Petz
Saturday: Worship: 5:30 p.m.
Sunday: Adult Classes: 9:15 a.m.
 Worship: 10:30 a.m.
Wednesday: Wednesday Nite Live
 5:45 - 6:45 p.m. Simple Supper "Free will Offering
 6:30 - 7:30 p.m. Classes for all ages

Goodland Bible Church
 109 Willow Road • 899-6400
Pastor: Chad DeJong
Sunday: Sunday School: 9:30 a.m.
 Morning Worship: 10:45 a.m.
 Evening Worship: 6 p.m.
Wednesday: AWANA (Winter) and prayer: 7 p.m.

First Baptist Church
Pastor: Travis Blake
 1121 Main
 890-3450
Sunday:
 Coffee fellowship: 9:30 a.m.
 Morning Worship: 10 a.m.
 Sunday School: 11:15 a.m.
Thursday: Bible study 9:30 a.m.
 Wheatridge Center

St. Paul's Episcopal Church
 13th & Center
 Church 890-2115 or Rectory 890-6969
Priest: Father Hal Lycett
Holy Eucharist: 10:00 a.m. Sunday
 10:00 a.m. Thursday
Daily Morning Prayer
 For emergencies 890-6969

Harvest Evangelical Free Church
 521 E. Hwy. 24 • 890-6423
Pastor: Brian Fugleberg
Sunday: Worship: 10:30 a.m.
 Sunday school: 9:30 a.m.
Wednesday:
 Senior High 6:30 p.m. at church
 Junior High 6:30 p.m. at 708 Washington
www.goodlandefree.com

Seventh Day Adventist Church
 1160 Cattletrail
Pastor: Jerry Nowack
Saturday: Sabbath School: 9:30 a.m.
 Worship Service: 11 a.m.

Emmanuel Lutheran Church
 13th & Sherman • 890-6161
Pastor: Darian Hybl
Sunday: Christian education/fellowship:
 10:15 a.m.
 Worship Service: 9 a.m.

Church of Christ
 401 Caldwell
 890-6185
Sunday: Bible Study: 9:45 a.m.
 Worship Service: 10:45 a.m.
Wednesday: Bible Study: 7 p.m.

The following sponsors urge YOU to attend your chosen House of Worship this Sabbath:

Short & Son Trucking Hwy. 24	Koons Funeral Chapel North Main	Good Samaritan Center 208 W. 2nd
Kansasland Tire 1402 Main St.	KLOEIKKQJIKWGB 3023 W. 31	AFLAC Insurance 111 W. 12th

SUNFLOWER HARVEST SYSTEMS
 CALL FOR LITERATURE
LUCKE MANUFACTURING
 (800) 735-5848, (701) 240-5953
WWW.LUCKEMANUFACTURING.COM

LAND FOR SALE
Kit Carson County Colorado
 NEW: 160± acres CRP. 15 miles North of Seibert. \$110,000
Burlington, Colorado
 6 Lots 17th & Rose \$145,000
 4 Lots 17th & Rose \$60,000
Lincoln County Colorado
 3729± acres grass. 25 miles south of Punkin Center. \$1,062,765
Dale Stull, Broker
 Cell 719-349-5710
 Toll Free 866-346-5710

Sherman County Kansas
 40 acres with home, shop & other buildings. S. of Ruleton \$130,000
Prowers County Colorado
 480± acres CRP. From Carlton 12 miles South. \$288,000

The Land Office LLC
www.thelandoffice.com

* SOFFIT * DOOR AND WINDOW REPLACEMENTS *

 From concrete to roofing and everything in between.
Ron Lucke
CUSTOM BUILDING
 Burlington, Co. (719) 346-8840
 CELL PHONE (719) 349-8840
 * SIDING * SEAMLESS RAIN GUTTERS * FASCIA *