



Pierce Kettering likes hands-on experience at Rutgear605

by Dorene Nelson

Groton Area High School offers a variety of business classes. One of these classes, School Internships, offers seniors the opportunity to work in various local businesses of their choice.

The purpose of this internship is to teach students responsibility by working for someone other than their family. It helps them learn how to work with the public and with customers who might not be all that agreeable at times.

Internships could also help students decide on a part-time job while they are in college or maybe even to help them choose a future occupation.

The business teacher, Becky Hubsch, has set up this experience for the seventeen students enrolled in her School Internship class.

All students must be at their chosen place of work during their Internship class. There are two separate sections of Internship classes this year. The student interns must contact the place they would like to work and have their own personal transportation.

Pierce Kettering, son of Kara and Kevin Pharis and Scott Kettering, is interning first semester at Rutgear 605. He has two sisters and two brothers.

"I participate in football and baseball," Kettering listed. "I also plan to go out for wrestling this year."

"I chose to work here for Justin Hanson and Jeremy Weber," he smiled, "because I know both of them and really enjoy working here with them."

"There are other places I could have selected, but I prefer hands-on work," Kettering admitted. "The work can be difficult and challenging, but I'm learning how to do it with fewer problems."

"The best part of this job is seeing the improvements as I learn more about the work of putting together towers for deer blinds," he explained. "One of the first towers we put together was leaning to one side, and that's not good!"



"The towers arrive here in pieces, with labels and directions on how to put it together," Kettering stated. "But just because it's labeled and has clear directions doesn't mean the tower will stand up straight!"

"Following high school graduation, I plan to attend Lake Area Technical College and major in Precision Agriculture," he said. "While in Watertown, I also intend to get instruction and training to get a private pilot's license."

Roundtable meeting set for November 15th

The Groton City Council met Tuesday evening where it was announced that there will be a Groton Residential Development Roundtable Meeting on November 15th at noon at the Groton Community Center. Casey Crabtree, Heartland Consumer Power District's Director of Economic Development, will be the guest speaker.

Todd Gay, Groton Electric Superintendent, came before the council to talk about some requested adjustments. He requested that the hours for the department be from 7 a.m. to 3:30 p.m. with a half hour break. Gay said those hours work better for a family life. He also requested that the electric department get time and a half pay when being called out after hours, and he requested that the electric lineman wage be adjusted because other areas around Groton pay higher for the same position. The council agreed to the temporary change in hours, which will be reviewed at the first meeting in December.

The council authorized the mayor to sign the Funding Agreement with the State of South Dakota Department of Transportation for a runway project at the Groton Airport. The airport has seen a number of improvements with more on the way.

Groton Area October Students of the Month



Allyssa Locke Senior



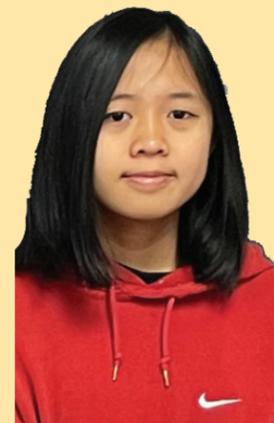
Ashtyn Bahr Junior



Emily Clark Sophomore



Gretchen Dinger Freshman



De Eh Tha Say 8th Grade



Liby Althoff 7th Grade

Groton Area School works to ensure that all levels of academic instruction also include the necessary life skills teaching, practicing, and modeling that encourages essential personal life habits that are universally understood to facilitate helping our students become good human beings and citizens.

It is learning with our heads, hearts, and hands to be caring and civil, to make healthy decisions, to effectively problem solve, to be respectful and responsible, to be good citizens, and to be empathetic and ethical individuals.



Makenna Krause, 6th Grade

# Weekly Vikings Roundup

By Jack & Duane Kolsrud

The Dallas Cowboy fans travel well and makeup about 20% of the fans at US Bank Stadium on Sunday Night Football. That makes the loss to the Cowboys much more painful as they leave with another excruciating loss late in the game.

Once again, the Vikings looked great on their opening drive. They get a jump-start in the game by scoring an impressive 75-yard drive culminating in a touchdown. The problem was they would go silent the rest of the way. In the end, Dallas prevails in a 20-16 defensive battle.

## First Half:

The Vikings take the opening kick 75 yards, with Adam Thielen scoring on a 20-yard pass over the middle from Kirk Cousins. Dallas mounted a drive but missed a long field. Dallas comes back in the 2nd quarter to cut the lead 7-3 on a 38-yard field goal by Greg Zuerlein. The Vikings match that kick with Greg Joseph's 45-yard field goal with 1:49 left in the first half. Overall the first half was pretty quiet except for the 20% Cowboy fans that showed up for the game.

## Second Half:

The 2nd started with a bang. On just the third play after the kickoff, the Cowboy's backup quarterback, Cooper Rush, hit Ced Wilson over the middle, and he outran the Viking defensive backs for a quick 73-yard touchdown. All of a sudden, the game is tied 10-10.

After the teams exchanged punts, the Vikings managed a seven-play drive ending in a 40-yard field goal. The Cowboys quickly

respond with a 39-yard field goal to tie the game at 13.

The fourth quarter was quiet until the final 3 minutes. The Vikings, with the help of three personal foul penalties, managed to get the ball down inside the red zone and kick a 24-yard field goal to take the lead with 2:51 to go.

Now is when the heartbreak starts to happen. In shades of Antonio Freeman's catch on MNF against the Vikings, Amari Cooper catches a well-defended tip ball for a 33-yard catch to put the Cowboys in Viking territory. The Cowboys drive into the red zone, when on third down and 11, Ezekial Elliot, who is kept in check for most of the game, catches a short pass and busts two tackles to get a first down inside the 10. On the very next play, Rush tosses a fade to Cooper in the back left corner of the endzone. The Cowboys take a 20-16 lead. The Vikings manage to get to midfield, but time expires. The Vikings fall to 3-4 on the season.

## Statistical Leaders:

Kirk Cousins 22 for 35, 184 yards, 1 TD pass  
Dalvin Cook 18 carries for 178 yards rushing, 0 TD  
Adam Thielen 6 catches for 78 yards, 1 TD

## The highlights of the day:

Former Cowboy Xavier Woods had his best game as a Viking picking off a pass in the first half and causing a fumble on a sack in the second half.

## The irony of the day:

CJ Ham, known for his blocking prowess as a fullback, caught more passes than Justin Jefferson on the night. It is not a recipe for success if the Vikings want to save this season from implosion.

## Next game: at Baltimore Ravens

Righting the ship is not getting any easier for this Vikings team as they travel to Baltimore to face Lamar Jackson and the Ravens. The next three weeks will determine the fate of this team and possibly the tenure of Mike Zimmer as they play three of the best quarterbacks in the league.

# Endurance of the stoics

The calendar reads November. How'd that happen? One minute the bars are overflowing with Halloween costumes—sexy nurse, sexy cop, sexy town drunk—and the next thing you know turkeys are running for their lives.

The great country singer Roger Miller, who philosophized, "You Can't Roller Skate in a Buffalo Herd," said he grew up in a town so small, they didn't even have a town drunk. "We had to take turns."

It's kinda that way with Frederick, SD, where I grew up, only we take turns being the town writer. It started with the late great Dick Pence, who it seemed, was fiction, because I always just heard about him or just missed him—never actually witnessed him.

We finally had "The Great Summit" about 20 years ago with a six-pack under the water tower. Dick passed the baton to me, smacked me over the head with it, metaphorically, and now there's a new kid, Lance Nixon, who I'm pretty sure wants my damn baton. If we grew up in a bigger town, we'd have more batons.

Lance reached out to me last week looking for some thoughts on the differences and similarities between the two Dakotas for an article he's writing for some high highfalutin' magazine, which I dutifully pecked out on my phone in the dentist's waiting room and in the chair between tortures. I'm not going to reveal too much of what I said; you'll have to pay Lance for the work I did by buying the magazine. In case I said anything controversial, I'd like to preemptively denounce Lance and the magazine for misquoting me. Besides, I was hopped up on Novocaine.

It was a good exercise to think about who we are. In two words: enduring stoics. In one: maniacs. As I sit here, having fallen asleep in my sexy Danny DeVito costume, I am where I dreaded I'd be. No, not the third-best writer in Frederick, rather at the dining room table with a laptop, having been up for 90 minutes while it's still black as a lawyer's heart outside.

I fought it every inch of the way. This year, I wrote outside at sunrise and sunset, in searing heat, in drizzle, through mosquitoes, and in perfect weather with a pug rolling in the grass beneath my feet. You drink it in, guzzle it down, because winter is inevitable. I know that because I got a call from Britton, SD, wondering if they should service my stand-by generator, which indeed, sometimes stands by when it should be doing other things. I misheard them when I bought it. I thought they said "auto-start," when in fact it was "ought to start."

I also know winter's coming because subscribers are coming in with their change of address. I've abandoned all pretense of objectivity. I just tell them to their faces that I resent them. "Fine, leave me here to deal with your winter. You think you're so smart. Just like Lance Nixon. I hope you get a sunburn."

Once we've finished flipping off the snowbirds, we settle into our stoic endurance. Frostbite ain't so bad, we tell ourselves, and moving tons of snow out of the driveway gives you a sense of accomplishment until the wind changes and you have to do it again.

Have I cheered you up, yet? Oh, get over it. There you lie on the couch passed out in your sexy nurse outfit while Lance Nixon and I've been slaving away trying to get other people to do our work for us, and let me tell you something, Bob, next time shave your legs.

I know it's over because I finally made myself roll up the hoses this weekend, all the while cursing that I signed a contract for the pipeline when it's clear to me I have enough hose to connect to a spigot in Bismarck myself.

I put away the "zero gravity" outdoor recliner that was grounded up against the fence along with some tumbleweeds. I also dragged in half a dozen planters which I have no room for, but after nursing those plants along all summer, I'm not letting them die. Theoretically, I should put them out in the spring, but I won't. I'll just buy new ones, and eventually, there will be so many oxygen-producing plants in my house it will become a hazard, and one spark will make it look like a Die Hard movie.

This is the part, according to standard column-writing formula, where I write something uplifting and meaningful. Well, it's 20 degrees outside with an expected high of 36. But in two months that'll seem like a heatwave. You're welcome.

© Tony Bender, 2021



## That's Life

by Tony Bender

CARPENTRY • CONCRETE  
**SCHULTZ**  
CONSTRUCTION LLC  
• BATH, SD •  
Check out our portfolio on Facebook at **Schultz-Construction-LLC**  
~ New Construction and Remodeling- renovations, additions, and carpentry work  
~ Concrete- foundations, flatwork, decorative concrete surfaces.  
605-380-1717  
[www.shawnschultzconstruction.com](http://www.shawnschultzconstruction.com)

"From minor scratches to a complete rebuild... we can do it all!"  
**Now Open**  
*Harris*  
Auto Body  
225 Brown County Hwy 19 South  
Aberdeen: 605/725-4900

**Dakota Outdoors**  
Erik Dean  
402 N Main St  
Aberdeen, SD 57401  
605.229.0123  
[dakoutdoors@midconetwork.com](mailto:dakoutdoors@midconetwork.com)

**Groton Chiropractic Clinic**  
Carol McFarland-Kutter, D.C.  
1205 N 1st St., Groton 397-8204

**Harry Implement**  
"Family Owned & Operated Since 1935!"  
CERTIFIED DEALER  
AFS  
605) 395-6421  
Ferney

**BLOCKER CONSTRUCTION**  
NEW CONSTRUCTION  
REMODELING  
HOOP BARN  
605) 216-2677 605) 226-4062

A  
subscription  
to the  
Groton  
Independent  
makes a  
great gift!

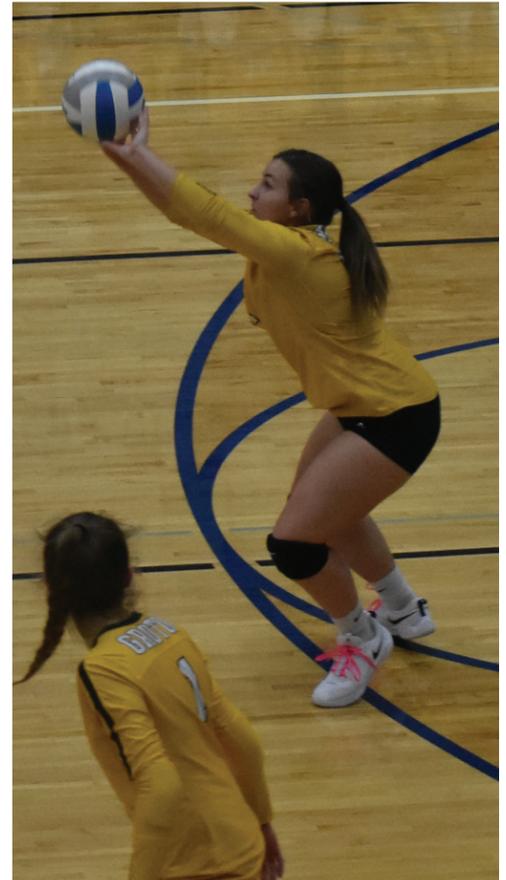
# Groton Area wins open round of region play



**Trista Keith**  
(Photo by Jeslyn Kosel)



**Maddie Bjerke**  
(Photo by Jeslyn Kosel)



**Allyssa Locke**  
(Photo by Jeslyn Kosel)

Groton Area's volleyball team posted a 3-0 win over Sisseton in the opening round of the Region 1A Tournament that was played in Redfield. Action continues on Thursday with Groton Area taking on Redfield at Henry with the match starting around 7:30 p.m.

Sydney Leicht had six kills to lead the Tigers to a 25-15 first set win. Aspen Johnson had three kills and a block while Madeline Flihs had two kills, Allyssa Locke had two ace serves and Anna Fjeldheim had one kill. Sisseton was led by Avery Despiegler with three kills while Chloe Langager had two kills and Hailey Nelson had one kill. The set was tied three times with the last tie at five before Groton Area took a 13-6 lead en route to the win.

Leicht was again on fire in the second set with five kills and two ace serves as the Tigers won, 25-19. Madeline Flihs had two kills and an ace serve, Johnson had two kills and a block, Fjeldheim and Maddie Bjerke each had a kill and Elizabeth Flihs and Alyssa Thaler each had an ace serve. Krista Langager led Sisseton with three kills and a block, Linnea Silk had a kill and a block while Avery Despiegler, Emmalee Nielsen and Sadie Medenwald each had three kills. The set was tied six times with four lead changes before the Tigers got the upper hand with a four point rally towards the end to get the win.

Leicht was again on fire in the second set with five kills and two ace serves as the Tigers won, 25-19. Madeline Flihs had two kills and an ace serve, Johnson had two kills and a block, Fjeldheim and Maddie Bjerke each had a kill and Elizabeth Flihs and Alyssa Thaler each had an ace serve. Krista Langager led Sisseton with three kills and a block, Linnea Silk had a kill and a block while Avery Despiegler, Emmalee Nielsen and Sadie Medenwald each had three kills. The set was tied six times with four lead changes before the Tigers got the upper hand with a four point rally towards the end to get the win.



**Aspen Johnson**  
(Photo by Jeslyn Kosel)



**Madeline Flihs**  
(Photo by Jeslyn Kosel)



**Alyssa Thaler**  
(Photo by Jeslyn Kosel)

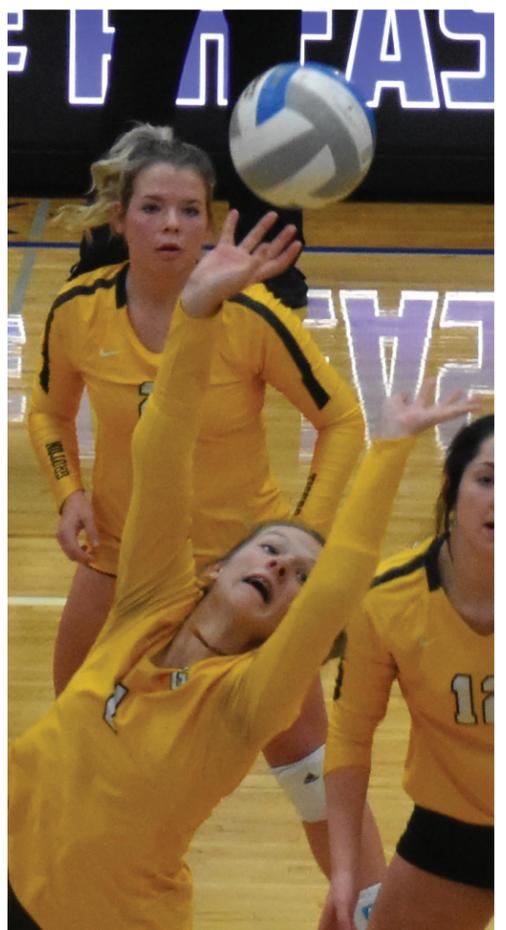
Madeline Flihs powered in four kills, a block and an ace serve as the Tigers won the third set, 25-12. Fjeldheim and Leicht each had two kills and an ace serve, Elizabeth Flihs had a kill and two ace serves and Johnson had a block. Nielsen and Langager each had two kills for Sisseton and Silk had one. Sisseton had a 1-0 lead before Groton Area scored six unanswered points to take a 6-1 lead and went on for the win.



**Elizabeth Flihs**  
(Photo by Jeslyn Kosel)



**Sydney Leicht**  
(Photo by Jeslyn Kosel)



**Anna Fjeldheim**  
(Photo by Jeslyn Kosel)

**The Groton Independent**  
 21 N Main, Groton 605/397-NEWS (6397)  
 Paul Irvin Kosel, Publisher [paperpaul@grotonsd.net](mailto:paperpaul@grotonsd.net) ~ 605-397-7460  
 Tina Kosel, Office Manager [office@grotonsd.net](mailto:office@grotonsd.net) ~ 605-397-7285  
 Notices: [legals@grotonsd.net](mailto:legals@grotonsd.net)  
 News Items: [news@grotonsd.net](mailto:news@grotonsd.net)  
 Deadline to submit items: Noon Monday  
 Yearly Subscription Rates are listed below.  
 The Groton Independent (USPS# 230-440) is published weekly with its periodicals postage paid at Groton, SD.  
**Postmaster: Send address changes to Groton Independent, PO Box 34, Groton, SD 57445**  
 © 2021 The Groton Independent

**Weismantel Agency**  
 Marty Weismantel  
 605/396-7341  
[weisag@nvc.net](mailto:weisag@nvc.net)

PROGRESSIVE SOUTH DAKOTA PUBLIC LIABILITY & PROPERTY GROUP CHESAIREAMERICAN NORTH STAR GRIFWEST GY SFM  
 ACCESS TO MANY MORE COMPANIES!

**The Groton Independent**  
**Printed & Mailed Weekly Edition**  
**Subscription Form**  
 All prices listed include 6.5% Sales Tax

- Black & White ..... \$41.54/year
- Colored ..... \$74.55/year
- Colored ..... \$42.60/6 months
- E-Weekly\* ..... \$21.30/year

\* The E-Weekly is a PDF file emailed to you each week. It does not grant you access to the GDI/Video Archives.

Name: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 City \_\_\_\_\_  
 State, Zip Code \_\_\_\_\_  
 E-mail \_\_\_\_\_  
 Phone Number \_\_\_\_\_

**Groton Daily Independent**  
**www.397news.com**  
**Subscription Form**

This option will grant you access to the GDI/Video Archives.

- 1 Month ..... \$15.98
- 3 Months ..... \$21.30
- 6 Months ..... \$26.63
- 9 Months ..... \$31.95
- 12 Months ..... \$42.60

Name: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 City \_\_\_\_\_  
 State, Zip Code \_\_\_\_\_  
 Phone Number \_\_\_\_\_

The following will be used for your log-in information.  
 E-mail \_\_\_\_\_  
 Password \_\_\_\_\_

Pay with Paypal. Type the following into your browser window:  
[paypal.me/paperpaul](https://paypal.me/paperpaul)  
 Mail Completed Form to:  
 Groton Independent  
 P.O. Box 34  
 Groton, SD 57445-0034  
 or scan and email to [paperpaul@grotonsd.net](mailto:paperpaul@grotonsd.net)

**Brown County**  
**Oct. 26, 2021**  
**Meeting Minutes**  
 OCTOBER 26, 2021 – GENERAL MEETING  
 Meeting called to order by Commission Chair Fjeldheim at 8:45 A.M. in the Commission Chambers, Courthouse Annex, Brown County, SD. Present were Commissioners Feickert, Sutton, Wiese and Kippley. Commissioner Wiese led the Pledge of Allegiance.

**APPROVAL OF AGENDA:**  
 Moved by Feickert, seconded by Sutton to approve the agenda. All members present voting aye. Motion carried.

**REZONE ORDINANCE 203\_ SECOND READING AND ADOPTION:**

Moved by Feickert, seconded by Kippley to adopt ordinance 203: Applicant Tyler Kampa requesting to rezone the following described property from Chapter 4.06 Agriculture Preservation District (AG-P) to Chapter 4.07 Mini Ag District (M-AG): Lot 1, "Holum 1st Subdivision" in the SE1/4 of Section 12-T123N-R62W of the 5th P.M., Brown County, South Dakota (13191 400th Ave). Roll call vote: Commissioner Feickert- aye, Sutton-aye, Wiese-aye, Kippley-aye, Fjeldheim-aye. Ordinance adopted.

**REZONE ORDINANCE 204\_ SECOND READING AND ADOPTION:**

Moved by Sutton, seconded by Wiese to adopt ordinance 204: Applicant Ryan Rivett requesting to rezone the following described property from Chapter 4.06 Agriculture Preservation District (AG-P) to Chapter 4.07 Mini Ag District (M-AG): Proposed Lots 1-17, "Rover Horse North First Subdivision" in the NE1/4 of Section 4-T123N-R63W of the 5th P.M., Brown County, South Dakota. (3261 North 391st Ave approximate). Roll call vote: Commissioner Feickert- aye, Sutton-aye, Wiese-aye, Kippley-aye, Fjeldheim-aye. Ordinance adopted.

**JUVENILE RECEPTION CENTER:**

Ernest Thompson (Brown County States Attorney) and Dave Lunzmann (Brown County Chief Deputy Sheriff) present themselves to the Commission to discuss about the Juvenile Reception or Evening Reception Center. The program is intended to house juveniles that don't qualify to be in JDC while waiting for other organization to step-in. They also discussed what scopes of programs they are going to offer and the partnerships that they have with our local colleges (NSU & PC) for assistance. The Board of Commissioners agrees with the idea of having a reception center but suggested to check with the two departments that will be involved if they go with the location/office that they wanted. No actions taken.

**MINUTES:**  
 Moved by Kippley, seconded by Sutton to approve the general meeting minutes of October 19, 2021. All members present voting aye. Motion carried.

**CLAIMS/PAYROLL:**  
 Moved by Sutton, seconded by Feickert to approve the following payroll & claims: PAYROLL Commission \$4,327.95; Auditor \$8,937.74; Treasurer \$13,727.74; SA \$23,642.68; SVAWA \$1,575.00; Maintenance \$7,841.89; Assessor \$15,611.83; Register of Deeds \$9,624.94; VSO \$4,034.80; GIS \$2,411.38; IT \$7,465.24; HR \$3,753.08; Sheriff

\$42,674.22; Jail \$53,588.45; Court Security \$6,272.45; JDC \$23,400.15; Welfare \$2,982.62; Museum \$8,651.79; Parks/Fairgrounds \$4,135.23; Fair Board \$1,452.68; Weed \$4,060.94; Planning & Zoning \$5,332.71; Highway \$40,594.97; Dispatch \$36,333.35; Emergency \$4,160.96; Teen Court \$699.55; JDAI \$1,846.15; 24/7 Sobriety \$1,362.19; Landfill \$15,909.51. MATCHING BENEFITS: FICA \$23,125.65; Medicare \$5,408.19; HSA \$966.72. CLAIMS Professional Fees: CGI \$1,035.16; CHRISTOPHER A. HAAR \$7,104.11; CHRISTY GRIFFIN-SERR LAW OFFICE \$7,070.31; COGLEY LAW OFFICE, PROF LLC \$7,688.05; DEPENDABLE SANITATION INC \$31,382.20; DOHRER LAW OFFICE \$7,656.25; DREW BECKER \$200.00; FAULK COUNTY SHERIFFS OFFICE \$4,140.00; IMEG Corp \$17,418.13; JERALD M. MCNEARY \$7,070.31; KUCK LAW OFFICE \$7,070.31; MICHELLE GAIKOWSKI \$64.60; NE MENTAL HEALTH CENTER \$1,872.00; NSU FINANCE OFFICE \$400.00; SARA ZAHN \$695.20; SDAAO - SD ASSOC OF ASSESSING OFFICERS \$450.00; SHI INTERNATIONAL CORP \$266.12; STATE OF SOUTH DAKOTA \$17,718.64; TALIAFERRO LAW FIRM \$7,656.25; TYLER TECHNOLOGIES INC \$552.50; UNIVERSITY OF NORTH DAKOTA \$2,080.00. Publishing: ARGUS LEADER \$43.08; GateHouse Media South Dakota Holdings, Inc. \$1,503.65. Repairs & Maintenance: CRAWFORD TRUCKS & EQUIPMENT \$1,097.10; CUSTOM SHEET METAL \$1,525.51; DAKOTA DOORS INC \$110.20; DAY COUNTY TREASURER \$1,778.56; Dockendorf Equipment Co., Inc \$346.50; ECOLAB PEST ELIMINATION \$122.33; KEVIN W. STEIN \$1,497.94; KIRBY K. KIESZ \$311.00; KONE INC \$4,037.88; LEIDHOLT ELECTRIC LLC \$56.12; NARDINI FIRE EQUIPMENT CO OF NORTH DAKOTA \$202.00; Penny Sampson \$360.00; PIERSON-FORD-LINCOLN -MERCURY \$586.45; POMS TIRE SERVICE, INC \$15.90; STEVEN LUST AUTOMOTIVE \$64.73; WOODMAN REFRIGERATION, INC \$335.38. Supplies: ABERDEEN MEDICAL CENTER PHARMACY \$1,255.23; ADVANCE AUTO PARTS \$12.35; AGTEGRA CO-OPERATIVE \$580.54; CASHWA DISTRIBUTING (KEARNEY) \$19.90; CDW Government LLC \$233.19; CLERK OF COURTS \$7.55; COLE PAPERS \$1,015.42; Dockendorf Equipment Co., Inc \$3,710.10; FEDEX \$32.18; GOV-CONNECTION INC \$1,058.87; KAREN SWANK \$252.00; KESLERS \$83.94; L. G. EVERIST, INC \$6,369.83; LARRY BECKER \$1,233.56; Leanne Shutt \$31.70; MARCO INC \$65.59; MENARDS \$619.02; MIDSTATES PRINTING \$34.95; PIERSON-FORD-LINCOLN -MERCURY \$450.09; PLUMBING & HEATING WHOLESALE, INC. \$251.49; PREMIER BIOTECH, INC \$927.86; RUNNINGS \$86.94; SARAH SWENSON \$68.44; TRUENORTH STEEL \$27,212.47; TYLER BUSINESS FORMS \$629.25.

Travel & Conference: CATHY MCNICKLE \$197.81; American Income Life \$20.00; Fairfield \$308.00; HEARTLAND ASSOC OF FAIRS, FESTIVALS & EVENTS \$2,480.00; Karla Nelson \$270.82; SAFE HARBOR \$65.00. Utilities: DEPENDABLE SANITATION INC \$513.00; MONTANA DAKOTA UTILITIES CO \$24.36; NORTHERN ELECTRIC COOP, INC \$753.92; NORTHWESTERN ENERGY & COMMUNICATIONS

\$2,280.92; QWEST CORPORATION \$14.45. Rentals: PANTORIUM CLEANERS INC. \$175.56. Others: ABERDEEN RURAL FIRE PROTECTION DIST. \$24,252.42; ABERDEEN SCHOOL DISTRICT 6-1 \$761,554.51; ABERDEEN TOWNSHIP \$3,863.79; ALLISON TOWNSHIP \$1,657.06; BATES TOWNSHIP \$4,034.44; BATH TOWNSHIP \$6,555.71; BRAINARD TOWNSHIP \$4,500.83; Brittny Munsell \$602.20; BRITTON-HECLA SCHOOL DIST 45-4 \$31,283.57; CAMBRIA TOWNSHIP \$3,253.37; CARLISLE TOWNSHIP \$1,182.00; CITY OF ABERDEEN \$376,198.38; CITY OF COLUMBIA \$1,768.39; CITY OF GROTON \$27,892.61; CITY OF HECLA \$9,866.67; CITY OF WESTPORT \$338.10; CLAREMONT AREA FIRE PROTECTION DISTRICT \$4,483.70; CLAREMONT TOWNSHIP \$4,680.13; COLUMBIA AREA RURAL FIRE PROTECTION DISTRICT \$10,296.80; COLUMBIA TOWNSHIP \$3,590.04; CONDE RURAL FIRE DISTRICT \$920.67; EAST HANSON TOWNSHIP \$3,698.64; EAST RONDELL TOWNSHIP \$7,066.68; FRANKLYN TOWNSHIP \$1,648.42; FREDERICK AREA SCHOOL DIST 6-2 \$18,830.83; FREDERICK FIRE DEPARTMENT \$8,338.10; FREDERICK TOWNSHIP \$2,163.56; FT Midwest LLC \$173,468.00; GARDEN PRAIRIE TOWNSHIP \$3,595.59; GARLAND TOWNSHIP \$1,486.14; GEM TOWNSHIP \$6,121.36; GREENFIELD TOWNSHIP \$3,844.81; GROTON AREA FIRE PROTECTION \$23,077.30; GROTON AREA SCHOOL DIST 06-6 \$73,415.69; GROTON TOWNSHIP \$6,112.55; HECLA FIRE DEPARTMENT \$8,171.72; HECLA TOWNSHIP \$1,081.37; HENRY TOWNSHIP \$4,540.27; HIGHLAND TOWNSHIP \$5,938.84; JAMES RIVER ACCT#1598637468 \$6,824.05; LANGFORD AREA SCHOOL DISTRICT 45-5 \$7,532.52; LANSING TOWNSHIP \$2,179.66; LIBERTY TOWNSHIP \$6,984.74; LINCOLN TOWNSHIP \$6,385.54; MERCIER TOWNSHIP \$5,664.86; MUD CREEK WATERSHED DIST. \$1,412.05; NEW HOPE TOWNSHIP \$2,923.95; NORTH DETROIT TOWNSHIP \$2,044.61; NORTHWESTERN AREA SCHOOL DISTRICT 56-7 \$103.10; ONEOTA TOWNSHIP \$1,739.06; ORDWAY TOWNSHIP \$4,774.09; OSCEOLA TOWNSHIP \$3,159.48; PALMYRA TOWNSHIP \$1,858.82; PORTAGE TOWNSHIP \$2,906.63; PRAIRIEWOOD SANITARY SEWER DISTRICT \$614.36; PRAIRIEWOOD TOWNSHIP \$9,920.03; PUTNEY TOWNSHIP \$5,249.25; RAVINIA TOWNSHIP \$2,574.83; RDO EQUIPMENT CO. - AG \$58,996.00; RICHLAND TOWNSHIP \$3,083.75; RICHMOND LAKE SANITARY DIST \$614.09; RIVERSIDE TOWNSHIP \$2,793.65; SAFE HARBOR \$1,288.50; SAVO TOWNSHIP \$2,587.24; SHELBY TOWNSHIP \$3,630.39; SOUTH DETROIT TOWNSHIP \$2,800.29; TOWN OF CLAREMONT \$1,538.44; TOWN OF FREDERICK \$1,720.99; TOWN OF STRATFORD \$854.41; TOWN OF WARNER \$2,538.36; VERDON VILLAGE \$104.64; WARNER SCHOOL DISTRICT \$41,195.09; WARNER TOWNSHIP #23 \$7,786.61; WEST HANSON TOWNSHIP \$3,346.27; WEST RONDELL TOWNSHIP \$3,126.18; WESTPORT TOWNSHIP \$2,333.31. All members present voting aye. Motion carried.

**PLATS:**  
 Commissioner Sutton offered the following resolution:

**RESOLUTION 54-21: STURDEVANT ADDITION**

"Be it resolved by the County Commission of Brown County, South Dakota, that the plat showing "STURDEVANT ADDITION ON THE SW ¼ OF SECTION 3, TOWNSHIP 123 NORTH, RANGE 64 WEST OF THE 5TH P.M. BROWN COUNTY, SOUTH DAKOTA" having been examined is hereby approved in accordance with the provisions of SDCL of 1967, Chapter 11-3, and any amendments thereof." Seconded by Commissioner Wiese. Roll call vote: Commissioner Feickert- aye, Sutton-aye, Wiese-aye, Kippley-aye, Fjeldheim-aye. Resolution adopted.

**LEASE:**  
 Moved by Feickert, seconded by Kippley to approve the following lease agreement: Roncalli Troup 359 for lease of Richmond Lake Youth Camp on October 29-31, 2021. All members present voting aye. Motion carried.

**EXECUTIVE SESSION:**  
 Moved by Sutton, seconded by Wiese to go into executive session to discuss personnel per SDCL 1-25-2(1). All members present voting aye. Motion carried. The chair declared executive session closed with no action taken.

**ADJOURNMENT:**  
 Moved by Feickert, seconded by Sutton to adjourn the Brown County Commission at 10:01 a.m. All members present voting aye. Motion carried.

Jeannette McClain, Brown County Deputy Auditor

Published once at the total approximate cost of \$105.20. 20517

**Brown County**  
**Ord. 203**

**Kampa Rezoning**

ORDINANCE #203  
 AN ORDINANCE AMENDING TITLE 4, SECOND REVISION BROWN COUNTY ORDINANCES, AS AMENDED

TO REZONE CERTAIN DESCRIBED PROPERTY

BE IT ORDAINED by the Brown County Commission, Brown County, South Dakota, that the Petition to Amend Title 4, Second Revision Brown County Ordinances, as amended, to rezone the following described property filed by Tyler Kampa is hereby granted and Title 4, Second Revision Brown County Ordinances is hereby amended to change the zoning on the following described property from Chapter 4.06 Agriculture Preservation District (AG-P) to Chapter 4.07 Mini Ag District (M-AG):

Lot 1, "Holum 1st Subdivision" in the SE1/4 of Section 12-T123N-R62W of the 5th P.M., Brown County, South Dakota (13191 400th Ave)

BE IT FURTHER ORDAINED by the Brown County Commission, Brown County, South Dakota that the zoning official for the County of Brown is hereby authorized to change the official zoning map for Brown County to reflect this Ordinance.

Notice of Hearing : October 6 and 13, 2021

Passed First Reading: October 19, 2021

Passed Second Reading: October 26, 2021

Adopted: October 26, 2021

Published: November 3, 2021

Effective Date: November 23, 2021

Doug Fjeldheim, Chair  
 Brown County Commission

ATTEST:  
 Cathy McNickle, Brown County Auditor

Published once at the total approximate cost of \$18.28. 20518

**Brown County**  
**Ord. 204**

**Rivett Rezoning**

ORDINANCE #204

AN ORDINANCE AMENDING TITLE 4, SECOND REVISION BROWN COUNTY ORDINANCES, AS AMENDED

TO REZONE CERTAIN DESCRIBED PROPERTY

BE IT ORDAINED by the Brown County Commission, Brown County, South Dakota, that the Petition to Amend Title 4, Second Revision Brown County Ordinances, as amended, to rezone the following described property filed by Ryan Rivett is hereby granted and Title 4, Second Revision Brown County Ordinances is hereby amended to change the zoning on the following described property from Chapter 4.06 Agriculture Preservation District (AG-P) to Chapter 4.07 Mini Ag District (M-AG):

Proposed Lots 1-17, "River Horse North First Subdivision" in the NE1/4 of Section 4-T123N-R63W of the 5th P.M., Brown County, South Dakota. (3261 North 391st Ave approximate)

BE IT FURTHER ORDAINED by the Brown County Commission, Brown County, South Dakota that the zoning official for the County of Brown is hereby authorized to change the official zoning map for Brown County to reflect this Ordinance.

Notice of Hearing : October 6 and 13, 2021

Passed First Reading: October 19, 2021

Passed Second Reading: October 26, 2021

Adopted: October 26, 2021

Published: November 3, 2021

Effective Date: November 23, 2021

Doug Fjeldheim, Chair  
 Brown County Commission

ATTEST:  
 Cathy McNickle, Brown County Auditor

Published once at the total approximate cost of \$18.61. 20519

**WYNONNA & the BIG NOISE**

**NOVEMBER 19 | 8PM 21+**  
**TICKETS STARTING AT \$60**

PURCHASE TICKETS AT ROYALRIVERCASINO.COM  
 AT THE CASINO GIFT SHOP OR CALL 1-800-838-3006

607 S VETERANS ST  
 FLANDREAU, SD

**Royal River**  
 CASINO • HOTEL

1.877.912.LUCK  
 ROYALRIVERCASINO.COM

Royal River Casino & Hotel reserves all rights to cancel or modify this program at anytime. See Players Club for promotional rules and details. Must be 21. Gambling problem? Call 1-800-781-HELP.



## Cornhole Sets installed at City Park

Cornhole sets were installed at the Groton City Park on Tuesday. The pads were poured last month with the sets arriving Tuesday and were installed. They are located on the north end of the park. The project was funded by GrowSD.

## The Life of Edwin Tomy Tietz



Prayer services for Edwin Tomy Tietz, Sr., 82, of Groton were held November 4, 2021 at Paetznick-Garness Funeral Chapel, Groton. Pastor Brandon Dunham officiated.

Edwin Tomy Tietz was born on January 10, 1939 in Missoula, Montana to William and Erma (Wentz) Tietz. He attended school in New Leipzig, North Dakota. Ed worked in construction and was part of the crew that built the Oahe Dam in Pierre. On May 5, 1976 he was united in marriage with Deborah Yde in Webster and the couple made their home in Groton. Ed worked many years farming in the Groton area.

Ed enjoyed tinkering with all types of small machinery. He could fix nearly anything and did so for many family members and friends. He liked the outdoors; feeding the birds, mowing around town and snowmobiling. Ed cherished time spent with his grandchildren.

Celebrating his life is his wife Debbie of Groton, his daughters, Melissa (Mark) White of Aberdeen, Alesha (Cory) Peterson of Aberdeen, son,

Tom (Lindsey) Tietz of Groton and seven grandchildren: Shelby, Jaiden, Preston, Collin, Lane, McKenna and Trey.

Preceding him in death were his parents and two brothers, Walter and Elmer. Honorary Urnbearers were all of Edwin's Grandchildren. Family requested casual dress for the service.

**WE WANT YOU!  
EARN \$50!**

**DIABETES** **RECENT STROKE**

**HIGH BLOOD PRESSURE** **HEART DISEASE**

If you or someone you know has any of the above conditions or is taking medications for the above conditions and would like to participate in a research study.

Call 605-274-9549 for more information.

**Travels of Lewis & Clark**

Can you name the 11 "future states" the expedition went through?

1. Illinois
2. Missouri
3. Iowa
4. Nebraska
5. South Dakota
6. North Dakota
7. Montana
8. Washington
9. Oregon
10. Kansas
11. Idaho

What Animals Did the Explorers See?

Animills LLC © 2021

**It's the fast way of finding help so I can stay in my home.**

Dakota at Home is the State of South Dakota's free information source for aging individuals and people with disabilities who want to remain living at home.

SD's Aging and Disability Resource Center

**1-833-663-9673**

**Dakota at Home**

One Call  
Countless Resources

**DakotaAtHome.org**

**SOUTH DAKOTA STATE UNIVERSITY EXTENSION**

**Sustaining the Legacy 2021-2022**

**Nov. 15-16**  
Aberdeen  
Ramkota

**Jan. 11-12**  
Mitchell  
Highland Conference Center

**Dec. 9-10**  
Pierre  
Ramkota

**Feb. 7-8**  
Yankton  
Best Western Kelly Inn

Register at:  
extension.sdstate.edu/events  
(Search: Sustaining the Legacy)

For more information, contact:  
Heather Gessner  
SDSU Extension Livestock Business Management Field Specialist  
605-782-3290  
heather.gessner@sdstate.edu

SDSU Extension is an equal opportunity provider and employer in accordance with the nondiscrimination policies of South Dakota State University, the South Dakota Board of Regents and the United States Department of Agriculture. Learn more at extension.sdstate.edu.

**Seeking Nurse Practitioner or Physician Assistant**

Brown County Hospital, a Critical Access Hospital, located in Ainsworth, NE, is actively seeking a full-time Nurse Practitioner or Physician Assistant to join our team of providers.

The successful candidate will work closely with all physicians/practitioners in providing quality, comprehensive healthcare to the patients we serve. This position will be primarily based in the clinic setting and will participate in Emergency Room Call Coverage on a rotating basis.

Applicant must possess a current, unrestricted license to practice in the State of Nebraska, as well as an unrestricted DEA registration. Salary range is dependent upon experience and productivity. A full-time benefit package is available.

Contact Erica Hasenohr, Clinic Manager or Lisa Fischer, HR Manager for more information. 402-387-2800.  
ehasenohr@browncountyhospital.org  
lfischer@browncountyhospital.org

**MEYERS TRACTOR SALVAGE**

ABERDEEN, SD

1000+ Salvaged Tractors & Combines  
400+ Reground Crankshafts  
500+ Tractor Tires  
300+ Rebuilt Radiators

Large Line of Swather, Baler & Cutter Parts.

**GREAT BUYS & SERVICE!**

**WANT TO BUY TRACTORS, COMBINES & SWATHERS FOR SALVAGE**

Phone (605) 225-0185  
5 Miles North & 1 Mile West of CASE-IH  
Groton Independent ♦ Wed., Nov. 3, 2021 ♦ 5

## Redfield ends Groton's playoff advancement

Groton Area played its first five-set match of the season Thursday night with Redfield winning the match, 3-2. It was the second round of the region playoffs and it was played in Henry.

Redfield won the first set, 25-22. Groton Area led for most of the set, having a 17-10 lead. The Pheasants tied the set at 21 and out-scored Groton Area, 4-1, to win.

Groton Area won the second set, 25-17. Groton Area led for most of the set. Redfield tied the set at 15 and took a 16-15 lead, but the Tigers would go on a nine-point run and

would go on to win, 25-17.

Groton Area won the third set, 25-20. The set was tied nine times and there were six lead changes. Groton area had a nine-point rally to take a 19-11 lead. The

Pheasants closed to within one, 21-20, but Groton Area would score the final four points for the win.

The fourth set was tied three times with one lead change in the early goings before Groton Area got the upper hand and had a 16-9 lead. Redfield would tie the set at 17 and 18 and had a six point run down the stretch to win, 25-19.

Redfield jumped out to a 3-0 lead in the fifth set, but Groton Area came back to tie it at four and would take a 5-4 lead. But then the score got stuck at five for Groton Area and the Pheasants would score nine un-

answered points to take a 13-5 lead and would go on to win, 15-7.

Madeline Flihs had 14 kills, two ace serves, one block and 13 digs to lead the Tigers. Aspen Johnson had 12 kills, four blocks and five digs. Anna Fjeldheim had eight kills, one ace serve and four digs. Sydney Leicht had eight kills, three ace serves, 24 digs and one block. Maddie Bjerke had two kills and five digs. Elizabeth Flihs had one kill, 36 sets and 23 digs. Alyssa Thaler had 31 digs. Trista Keith had 14 digs. Alyssa Locke had six digs.

Groton Area finishes the season 13-17.

### Classifieds and Card of Thanks

The following rates are for Classifieds published in both the Groton Daily Independent and the Groton Independent. Cut rate in half if you just want it in the GDI or just the weekly.

1 Week: \$9 for first 30 words, 20¢/word thereafter

2 Wks: \$17 for first 30 words, 38¢/word thereafter

3 Wks: \$24 for first 30 words, 54¢/word thereafter

4th consecutive week is free

**605/397-NEWS (6397)**

PO Box 34, Groton SD 57445

### AUCTIONS

INTERSTATE AUCTION CENTER: November 6, 2021 10:00am. 3 miles East of Sioux Falls exit 402. Consign tractors, skid loaders, farm, ranch equipment. 605-331-4550 auctionzip.com

CUSTER COUNTY-BLACK HILLS of South Dakota. Absolute real estate auction. Jerry Sorenson, Custer, SD. 13.07 prime, secluded acres & improvements. TUESDAY November 9th, 2021 10:30 AM. Property Located at 25507 Jewell RD., Custer, SD. 8 miles west of Custer on US HWY 16 then left on Pass Creek Road 4 miles to Jewell RD turn right go 1 mile to 25507 Jewell Rd. Custer, SD www.bradeenauction.com

### EDUCATION

TRAIN ONLINE TO DO MEDICAL BILLING! Become a Medical Office Professional online at CTI! Get Trained, Certified & ready to work in months! Call 877-891-0187. (M-F 8am-6pm ET) The Mission, Program Information and Tuition is located at CareerTechnical.edu/consumer-information.

### EMPLOYMENT

The Town of Frederick is hiring a part-time Assistant Utility Manager. If you are interested please call the Frederick office for more information. 605-329-2242. The Town of Frederick is an Equal Opportunity Employer.

CITY FINANCE OFFICER: City of McLaughlin, SD is accepting applications for City Finance

Officer. Responsibilities are set forth in SDCL Chapter 9-14. Primary job is chief accounting and financial officer providing accounting advice and counsel to the Mayor, Department Heads and City Council. Business Management, or closely related major with coursework and/or experience in governmental accounting preferred. Minimum of one year experience required with preference given for governmental accounting. Must be eligible for bonding. Excellent benefits package. Salary DOQ. Open until filled. Submit a letter of interest, detailed resume and application to: City of McLaughlin, Attention: Finance Office PO Box 169 McLaughlin, SD 57642.

ONIDA ELECTRIC IN ONIDA, SD is looking for an Electrician and HVAC tech to add to their team. Wage DOE. Paid health insurance. Call 605.258.2555 for more info.

THE COUNTY OF EDMUNDS is seeking a responsible individual for a full time Highway/Weed and Pest Position. This individual will report to the Edmunds County Highway Superintendent Supervisor and will be based out of the Ipswich Shop. Candidate must have a valid SD commercial driver's license (CDL) with special endorsements as required for jobs and be certifiable as a SD commercial Pesticide Applicator. Responsibilities include: operation of heavy equipment, road maintenance, weed spraying and ability to operate computer. Salary range \$19.52 to \$20.52 per hour and includes benefit package. Employment is conditional upon a drug/alcohol test and a general physical. Interested individuals are encouraged to submit an application or resume to the Edmunds County Highway Department, PO Box 38, Ipswich SD 57451 or via email, found on the county web site - edmunds.sdcounties.org. The County of Edmunds is an Equal Opportunity Employer.

### NOTICES

ADVERTISE IN NEWSPAPERS statewide for only \$150. Put the South Dakota Statewide Classifieds Network to work for you today! (25 words for \$150. Each additional word \$5.) Statewide Full Digital Ad is \$300 for 1 week. Call the Groton Independent at 397-7460 for details.

*Do it for yourself.  
Do it for your family.*

## Get Your COVID-19 Vaccine Today!



Scan the QR code using your smartphone to find out where to get your **COVID-19 Shot** today!

**GOT QUESTIONS?**

**covid.sd.gov** or **1-800-997-2880**



SOUTH DAKOTA DEPARTMENT OF HEALTH

**covid.sd.gov**

This publication was supported by the grant NU50CK000512 Epidemiology and Laboratory Capacity funded by the Centers for Disease Control and Prevention. It's contents are solely the responsibility of the authors and do not necessarily represent the official views of the Centers for Disease Control and Prevention or the Department of Health and Human Services. 100% of the project will be financed by federal grant dollars.



## Downtown Trick or Treat Event Held Friday



**Scarlet Stubbs during Groton Main Street trick or treat Friday evening.**

(Photo by Bruce Babcock)



**Babcock family at Base Kamp Lodge giving out candy.** (Courtesy Photo)

We enjoy learning about explorers...

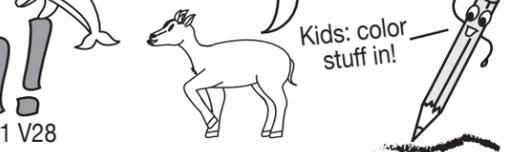


# Newspaper Fun!

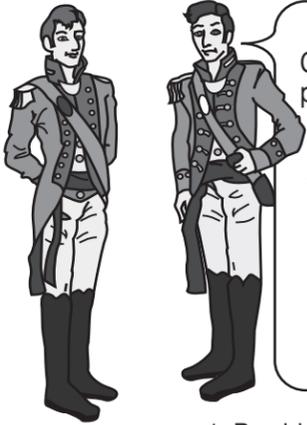
www.readingclubfun.com

Annimills LLC © 2021 V28

...and like to visit new places, too.



Kids: color stuff in!



In 1803, President Thomas Jefferson and Congress wanted to learn about the western part of the country. They gave money to me, Second Lieutenant William Clark and Captain Meriwether Lewis to lead an expedition to the west. Our job was to:

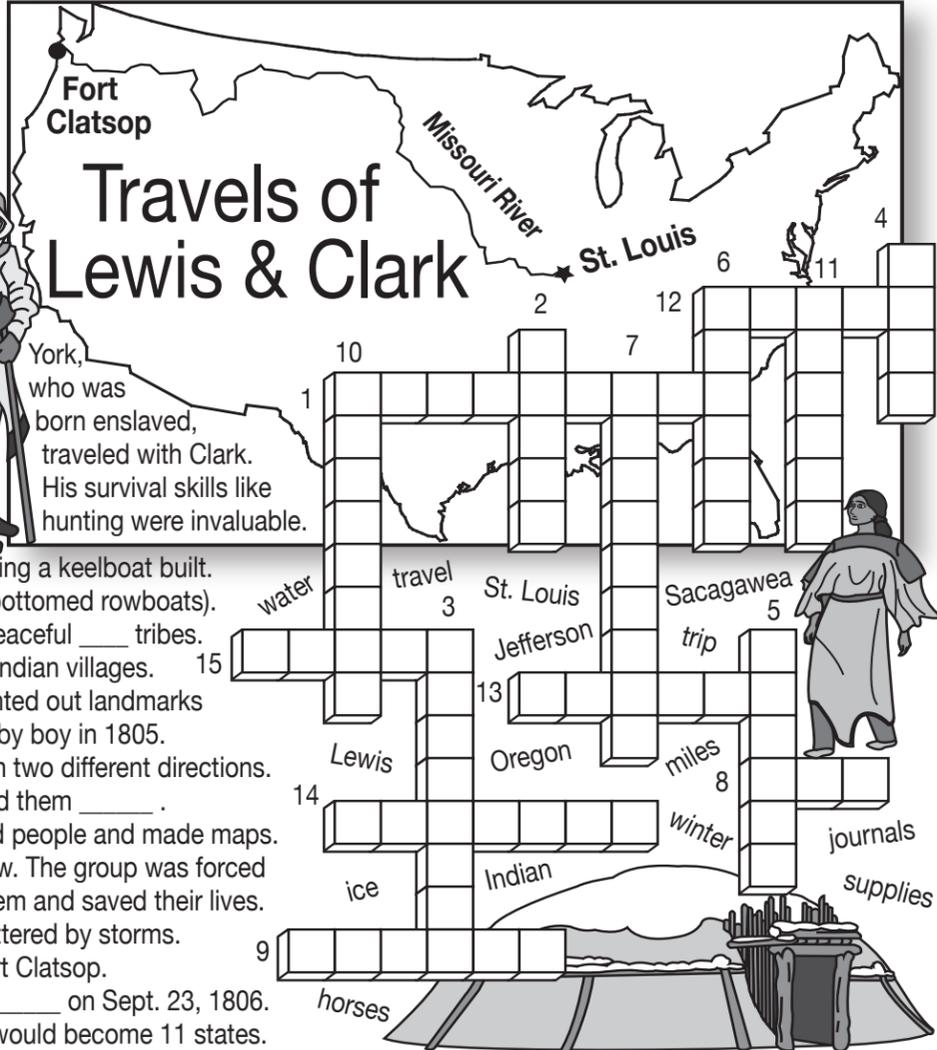
- find a water route to the Pacific Ocean for trading
- map the "new" territory
- learn about the Native Americans we met along the route
- study plants and animals

Read the clues to fill in the crossword.

1. President Thomas \_\_\_\_\_, our 3rd President, wanted a group to travel and map the route.
2. \_\_\_\_\_ and Clark became co-commanders of the "Lewis and Clark Expedition."
3. The men prepared for the trip by doing research, buying \_\_\_\_\_ and having a keelboat built.
4. In May 1804 they began their \_\_\_\_\_ in a keelboat and two pirogues (flat-bottomed rowboats).
5. The group traveled about 15-20 miles a day. They met fur traders and peaceful \_\_\_\_\_ tribes.
6. In the fall of 1804, to get ready for \_\_\_\_\_, they built Fort Mandan near Indian villages.
7. They added a trapper to be an interpreter. His Shoshone wife, \_\_\_\_\_, pointed out landmarks and helped them talk with the Native Americans they met. She had a baby boy in 1805.
8. In March, when the \_\_\_\_\_ on the river broke, the group split and went in two different directions.
9. They met the Shoshone people, who told them to travel on land and sold them \_\_\_\_\_.
10. As they traveled, the group kept \_\_\_\_\_, logs of the animals, plants and people and made maps.
11. \_\_\_\_\_ became very hard through thick woods and bitter cold and snow. The group was forced to eat three of their horses. They met the Nez Perce Indians who fed them and saved their lives.
12. They traveled on the \_\_\_\_\_, again finding it very rough. They were battered by storms.
13. The group settled in for the winter in \_\_\_\_\_. They built a fort called Fort Clatsop.
14. During the winter, they prepared for their return trip. They got back to \_\_\_\_\_ on Sept. 23, 1806.
15. The group had traveled over 8,000 \_\_\_\_\_ in 28 months through what would become 11 states.

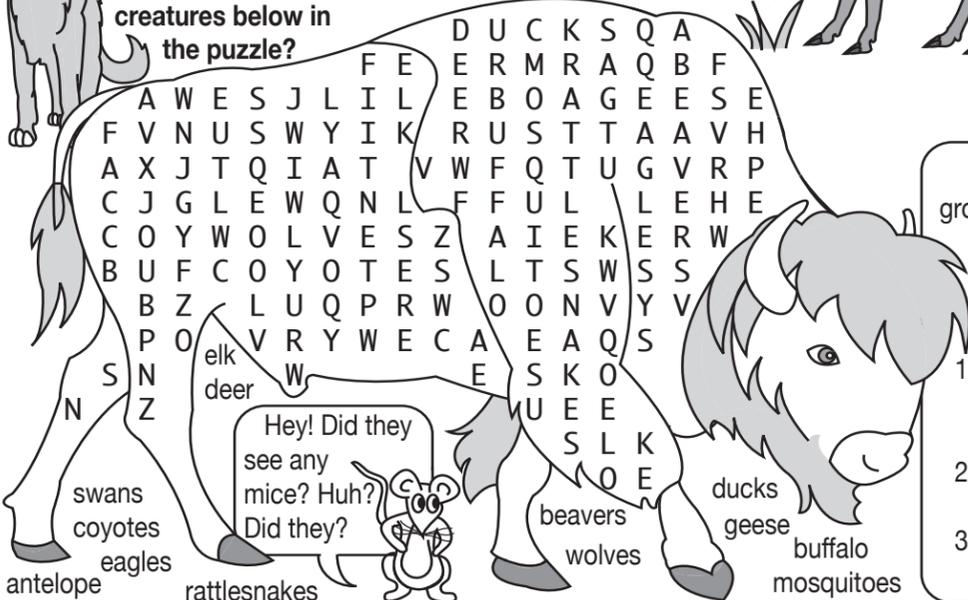
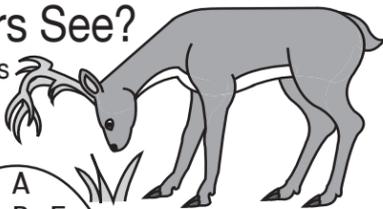
## Travels of Lewis & Clark

York, who was born enslaved, traveled with Clark. His survival skills like hunting were invaluable.



## What Animals Did the Explorers See?

As Lewis and Clark traveled, they wrote descriptions of animals they saw, such as the bighorn sheep and grizzly bear. Can you find and circle the creatures below in the puzzle?



## How Did Lewis and Clark Travel?

on foot  
canoe  
boat  
horseback

The explorers in the Lewis and Clark group traveled thousands of miles over many kinds of difficult terrain during their expedition into the west.

Complete each statement below by matching the first part with the second part.

1. Lewis and Clark began their expedition in a keelboat (that Lewis designed and had built)...
  2. They used red and white pirogues (flat-bottomed boats) to...
  3. The Corps of Discovery, the name for their group, used horses...
- A. at St. Louis, on the Missouri River.  
B. that they bought from the Shoshone and Nez Perce for their journey over the Rocky Mountains.  
C. carry supplies, food and scientific instruments.

## Which States Did Lewis & Clark Travel Through?

The Lewis and Clark trip went through a northwestern area of the country that we now call by the names of eleven states. Can you fill in the names of the states with the vowels a, e, i, o and u?

1. \_ ll \_ n \_ \_ s
2. M \_ s s \_ \_ r \_
3. \_ \_ w \_
4. N \_ br \_ sk \_
5. S \_ \_ th D \_ k \_ t \_
6. N \_ r th D \_ k \_ t \_
7. M \_ nt \_ n \_
8. W \_ sh \_ ngt \_ n
9. \_ r \_ g \_ n
10. K \_ ns \_ s
11. \_ d \_ h \_



## What Did They Eat?

The group brought a "soup paste" with them on their trip. It was made by boiling down beef, eggs and vegetables, and it could be mixed with water to make meals.

Fill in the vowels to see what else they ate:

1. c \_ r n
2. b \_ \_ ns
3. sq \_ \_ sh
4. s \_ lt p \_ rk
5. h \_ rs \_ m \_ \_ t
6. f \_ sh
7. \_ lk
8. b \_ ff \_ l \_

# EARTHTALK

Dear EarthTalk: Should we all be ditching our gas stoves in favor of electric models? -- Mary R., San Francisco, CA

Walking into your kitchen to make dinner appears relatively simple with a gas-powered stove readily available to cook your every desire. But while rotating the switch to turn on a gas stove, most people do not consider its health and environmental implications. According to a University of California Los Angeles (UCLA) report, over 90 percent of gas-powered appliances in California residences emit toxic pollutants such as carbon monoxide (CO), nitrogen oxides (NOx), particulate matter and formaldehyde.

While gas furnaces and water heaters are big polluters no doubt, most of them are vented outdoors and are thus sending their CO and NOx emissions outside. But pollution from stoves and ovens are released indoors. The UCLA researchers found that in nine out of ten residences surveyed where gas ovens or stoves were in use, peak levels of nitrogen dioxide (NO2) inside the kitchen after cooking for one hour surpassed both state and national outdoor acute air quality standards. Such high concentrations of indoor air pollution are even more dangerous for smaller households—peak levels of NO2 in 98 percent of apartments surveyed exceeded state and national air quality standards.

Such pollution from gas-fired appliances like furnaces, water heaters and stoves present a serious health threat, increasing the likelihood of respiratory illness, cardiovascular disease and premature death. For the elderly and children who are more susceptible to infections and diseases, elevated NO2 levels can be especially toxic. Additional risks of cooking with gas include increased risk of lung disease and vulnerability to novel viruses, not to mention the prompting of new allergies. Children risk a decreased IQ, learning deficits and asthma. In fact, a 2013 report analyzing the impacts of indoor NO2 from gas stoves found that children who grew up in a home with a gas stove are 42 percent more likely to develop asthma than those who didn't.

Gas stoves are also a source of carbon monoxide, a pollution that is fatal at extremely high concentrations and can cause headaches, dizziness, vomiting and nausea. Though morbidity linked to accidental CO is quite low, frequent exposure can increase the risk of lethal heart disease.

To avoid such health and environmental setbacks, gas appliances can be replaced by any number of zero-emission electric alternatives. The most common and effective stoves to replace gas stoves are induction cooktops and modern electric stoves. Electric stoves are powered by thermal conduction whereby electricity runs through a set of coils; induction cooktops are powered by electromagnetic currents that directly heat the cookware. Though initial installation costs of electric or induction stoves can be quite high, they consume much less energy than gas stoves and thus are more cost-effective in the long run.



**If you are concerned about the health implications of indoor air pollution, maybe it's time to go electric in the kitchen.**

Credit: Roddy Scheer

EarthTalk® is produced by Roddy Scheer & Doug Moss for the 501(c)3 nonprofit EarthTalk. See more at <https://emagazine.com>. To donate, visit <https://earthtalk.org>. Send questions to: [question@earthtalk.org](mailto:question@earthtalk.org).

**Ken's SUPER FAIR FOODS.**  
FOOD FAIR SHELL EXPRESS  
www.kenssuperfair.com  
• ABERDEEN • GROTON • CLARK • IPSWICH • EUREKA • BRITTON •

**MANAGER'S SALE**  
STOP IN & REGISTER TO WIN!! **\$3,100** IN Ken's  
\$500 in Each Out of Town Store will be Given Away and \$600 Given Away in Aberdeen Ken's!  
GIFT CARDS TO BE GIVEN AWAY

**USDA Choice Demkota Boneless New York Strip Steak**  
**\$8.99** Per Lb.

**Dole Premium Bananas**  
**49¢** Per Lb.

**USDA Choice Demkota Boneless Bread and Butter Roast**  
**\$3.99** Per Lb.

**Flora Bath Tissue** 12 Ct. Roll or **Towels** 6 Pk. Bundle  
Sale Price **\$3.99** - \$1.00 Digital Coupon  
Net Price **\$2.99**

**Campbell's Chunky or Home Style Soup**  
**\$1.99** 15.5-19 Oz. Can

**Swanson Broth** 32 Oz. Boxes  
**2/\$4**

**Kraft Mac-N-Cheese**  
**\$4.99** 5 Pk. Box

**Hershey's Baking Chips** 8-12 Oz. Bags  
**2/\$5**

**APP DEAL OF THE WEEK**  
**Sunny Delight** 64 Oz. Jug **FREE**  
W/\$10 PURCHASE & KEN'S APP  
Limit 1 per customer, requires \$10 additional purchase and use of Ken's App

**NOW OPEN in Ken's Deli in Aberdeen!**  
**Family Fresh SUSHI**  
SPECIAL ORDERS AVAILABLE UPON REQUEST

**Meat**  
**Best Choice Grade A Turkey** All Sizes Self Basting Pop up Timer **99¢** Per Lb.

**Dairy**  
**Land O Lakes Chocolate Milk**  
**\$1.99** 1/2 Gallon Jug

**Frozen**  
**Prairie Farms Ice Cream**  
**\$5.99** 4 Qt. Pail

**Liquor**  
**Canadian Club**  
**\$19.99** 1.75 L

**Household**  
**Tide Detergent** 92 Oz. Jug or **Pods** 21-42 Ct.  
**\$11.99**

**Bakery**  
**Raisin Bread** **\$2.29** Loaf  
**Deli**  
**Kretschmar Oven Roasted Chicken Breast** **\$6.99** Per Lb.

## When the Heart Can't Keep Up

A woman had been feeling short of breath for several weeks. Physical activities which had previously been easy for her were becoming a chore. In fact, simply laying down resulted in difficulty breathing. She had gained some weight and her legs were swollen.

This woman was a patient of mine, and she was in heart failure. This doesn't necessarily mean her heart was going to completely stop, but it was having trouble keeping up. For whatever reason, her heart struggled to pump, and fluid was building up in her body adding more strain. It was a vicious circle, and it was getting worse.

After listening to her story, I completed a physical examination, and ordered a few tests. Then, I talked to my patient about heart failure. We agreed she would take medication to help her heart pump better and fluid pills to help decrease the swelling.

Heart failure is often triggered by some type of damage affecting the heart's ability to pump. Heart damage might result from a sudden heart attack blocking blood flow in an artery of the heart. Sometimes damage occurs slowly, blocking blood flow due to the gradual buildup of cholesterol known as coronary artery disease. Other causes of heart failure may include faulty heart valves, an irregular heart rhythm, high blood pressure, smoking, diabetes, or obesity.

Myocarditis, or inflammation of the heart, can also lead to heart failure. Often temporary, myocarditis can be the result of a virus or other infections, drugs, chemicals, and other diseases.

Sometimes the reason for heart failure may be a lung problem. The heart pumps blood through the lungs and back to the heart, then out through the body. So, if the blood is not flowing through the lungs efficiently, the heart can have trouble. Thus, a blood clot in the lungs, smoking, vaping, cancer, infection, or other lung problems can also lead to heart failure.

I recently saw my patient again, and she feels great. She rarely experiences shortness of breath anymore. She faithfully takes the medications and keeps an eye on her weight and her diet, but other than that, she does not think much about it.

If you are experiencing increased shortness of breath with activity, swelling of the legs, an unusual increase in weight, increased fatigue, chest pain, or if you feel like your heart is beating too quickly or not in a regular manner, please see your doctor. Your heart works hard so you can keep up your activities. Please make sure you return the favor.



**Andrew Ellsworth, MD**

Andrew Ellsworth, M.D. is part of The Prairie Doc® team of physicians and currently practices family medicine in Brookings, South Dakota. Follow The Prairie Doc® at [www.prairiedoc.org](http://www.prairiedoc.org) and on Facebook featuring On Call with the Prairie Doc® a medical Q&A show celebrating its twentieth season of truthful, tested, and timely medical information, broadcast on SDPB and streaming live on Facebook most Thursdays at 7 p.m. central.