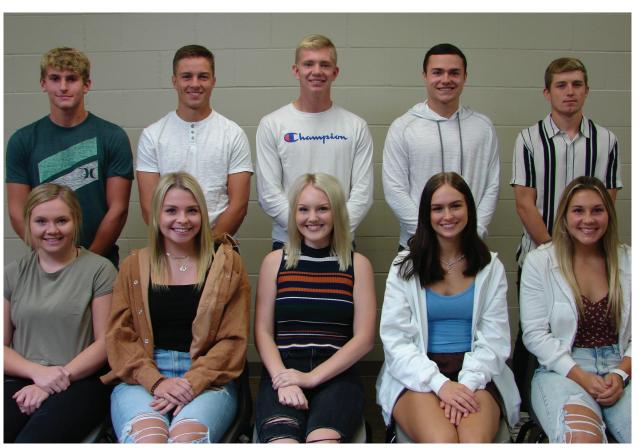
No. 52  $\Diamond$  Groton, SD  $\Diamond$  Wednesday, Sept. 8, 2021  $\Diamond$  Established in 1889

#### **Miss South Dakota Joins** in Miss America 100th **Anniversary Celebration Following a Busy Summer**

September 3, 2021, Hot Springs, SD – Miss South Dakota Kaitlin O'Neill will be taking part in the return of the iconic "Show Us Your Shoes" Parade, kicking off a three-day celebration to mark the 100th anniversary of Miss America. The parade will be held on Labor Day, Monday, September 6 at 10 AM ET in Mystic, Connecticut. The "Show Us Your Shoes" Parade will feature all 51 titleholders who are vying to become the next Miss America, and will be streamed live at watchmissamerica.com.

These accomplished young women will show off their elaborate parade costumes and decorated shoes to showcase their home states and the District of Columbia.

"The Show Us Your Shoes Parade is definitely something I have been looking forward to participating in ever since I started competing! Now, to finally live that dream and be a part of such an iconic event, I can't contain my excitement enough!" O'Neill said. O'Neill's costume and themed shoes, while top-secret, are "inspired by some pretty cool South Dakota history," O'Neill said.



**GHS Homecoming Royalty Candidates** 

Front left: Maddie Bjerke, Madeline Fliehs, Emilie Thurston, Megan Fliehs, and Trista Keith Back left: Seth Johnson, Jackson Cogley, Jordan Bjerke, Kaden Kurtz, and Pierce Kettering

Coronation is at 7:30 on Monday, September 13,2021

Homecoming Theme: Music-Genres

While in Connecticut, O'Neill will also participate in candidate orientation for the upcoming Miss America competition in December, as well

as a 100th Anniversary Gala, and experience the official proclamation of September 8th as Miss America Day.

O'Neill has been busy at

Day Monday Tuesday Wednesday Thursday Friday

MS/HS Awkward Phase Day Twin Day Halloween Costume Day Class color Day Spirt Day

**Dress up days** 

Elementary Jersey Day Animal OR Superhero Day Twin/Matching Day Pajama Day Spirit Day

home in South Dakota since her crowning in early June. "It is crazy how fast three months have flown by! I have had the opportunity to do so many things, meet so many people, and grow in so many ways. For the 4th of July, I was in the Spearfish/Deadwood area where I had the opportunity to be a part of some amazing parades and then got to be a part of the celebrations at Mount Rushmore. That was my first official appearance as Miss South Dakota since being crowned and it felt so surreal! It was so incredible to be a part of the country's birthday celebration in one of the most iconic places in the nation!"

Preparations for the Miss American competition have also been at the forefront for O'Neill.

"One of the main focuses going into Miss America is my mental health. Heading into a mentally challenging environment such as Miss America, I have to be sure to prioritize my mindset. Another priority for me is preparation for the interview competition. Interview and the on-stage question were typically my weakest area of competition. But, after countless hours of practice and preparation, I was honored to receive the On-Stage Question Award as well as the top Private Interview Award at the Miss South Dakota competition. Going into Miss America, I want to keep that momentum, and I am making sure to put the work in as I did preparing for the Miss South Dakota competition.'

O'Neill continues to hone her skills in talent as well. "This has always been my favorite area of competition! I am really excited to be joining Artistry Dance this fall where I will be taking a few different classes to keep in shape and ramp up my talent even further!" O'Neill said.



# Miss South Dakota

#### **Upcoming Events**

Thursday, Sept. 9

Boys Golf Meet at Olive Grove Golf Course, 10 a.m. Boys Soccer at James Valley Christian, 4 p.m. Volleyball hosts Sisseton: 7th/C at 5 p.m., 8th/JV at 6 p.m. with varsity to follow.

Friday, Sept. 10

Girls Soccer hosting West Central, 4 p.m. Football vs. Deuel at Clear Lake, 7 p.m.

Saturday, Sept. 11

Groton City-Wide Rummage Sales, 8-3 Junior High Football Jamboree at Warner, 10 a.m. Soccer at Sioux Falls Christian: Girls at 1 p.m., Boys at 3 p.m.

Sunday Sept. 12

Sunflower Classic Golf Tourney

#### Monday, Sept. 13

Cross Country at Webster, 4 p.m. School Board Meeting, 6 p.m. Homecoming Coronation, 7:30 p.m.

Tuesday, Sept. 14

Boys Golf at Redfield, 10 a.m.

Thursday, Sept. 16

Boys Golf at Dakota Magic Golf Course, 11

Cross Country at Lee Park, 4 p.m. Volleyball hosting Mobridge-Pollock: 7th/C at 4 p.m., 8th/JV at 5 p.m., Varsity to follow

Friday, Sept. 17

Homecoming Parade, 1 p.m.

TigerPalooza at GHS Gym, 2:30 p.m. to 4:30 p.m.

Football hosting Mobridge-Pollock, 7 p.m.

## Weekly Vikings Roundup By Jack & Duane Kolsrud

#### 53 Man Roster and Season Review

On Tuesday, the Vikings needed to cut the roster down to 53 players. But as Zimmer indicated in a press conference, the latest team roster is very fluid. As of Sunday at 7:00 pm, here is a breakdown by position. Currently, the Vikings are sitting at 51 players and looking to add two more to fill the team.

Offense

Quarterbacks: (2) In: Cousins & Mond - Out: Browning & Stanley - Practice Squad: Sean Mannion

Notes: It appeared early on that Browning was going to earn a spot, but rough performances in all three preseason games may have sealed his fate as an NFL QB. The Vikings brought back a familiar face last week, signing Mannion to the practice squad.

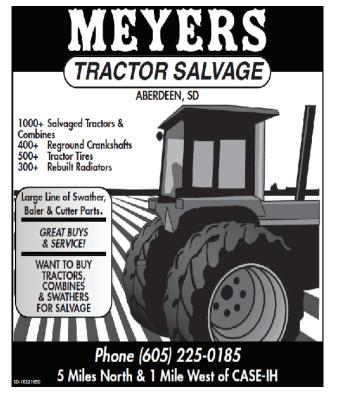
Running Backs: (3) In: Cook, Mattison, & Ham - Out: Smith - Practice Squad: Abdullah, Rose Jr. & Bargas

Notes: Iowa State speedy rookie Nwangwu must miss the first three games due to being placed on injured reserve.

Wide Receivers: (5) In: Thielen, Jefferson, Westbrook, Smith-Marsette, & Osborn - Out: Beebe - Practice Squad: Jackson, Philyor & Mitchell

Notes: With a strong showing and an injury to Beebe, rookie Smith-Marsette makes the team. It appears he will be heavily used as a return specialist if preseason dictates his opportunity. Chisena is currently on IR and will contribute to special teams upon his return.

Tight Ends: (4) In: Conklin, Dillon, Ellefson



# Groton Chiropractic Clinic

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





(605) 395-6421 Ferney



& Herndon - Out: Zylstra - Practice Squad: Davidson

Notes: Irv Smith Jr, looking to take over for Kyle Rudolph this season, was put on injured reserve and will likely miss the entire season. To fill the void at TE, the Vikings traded for Chris Herndon, who has shown flashes of great play throughout his first three seasons in the NFL.

Offensive Linemen: (9) In: Cleveland, Darrisaw, Brandel, Hill, O'Neill, Udoh, Bradbury, Cole, & Davis - Out: Ksierzarczyk, Samia - Practice Squad: Bailey, Dozier & Hinton

Notes: Former starter Dozier struggled in the preseason was initially cut and brought back to the practice squad.

Defense

Defensive Linemen: (9) In: Hunter, Griffen, Jones II, Weatherly, Wonnum, J Lynch, Pierce, Richardson, Tomlinson & Watts - Out: Holmes, Mata'afa, Brailford & Johnson - Practice Squad: Willekes

Notes: Holmes made the initial roster but was cut due to roster moves at tight end. Griffen was cut in a procedural move by the Vikings but quickly re-signed to the full roster.

Linebackers: (7) In: Kendricks, Barr, Connelly, Dye, B Lynch, Surratt & Vigil - Out: none - Practice Squad: Borland

Notes: It's a good sign that despite not practicing or playing in the preseason, Barr remained on the roster and was not moved to the injured reserve.

Cornerbacks:(6) In: Peterson, Dantzler, Alexander, Breeland, Boyd, & Hand - Out: Mabin - Practice Squad: Nickerson & T Smith

Notes: In true Mike Zimmer fashion, he kept 6 cornerbacks.

Safeties: (4) In: H Smith, Woods, Metellus & Bynum - Out: Kirk - Practice Squad: Dorn

Notes: The Vikings are keeping 4 safeties this year after only keeping 2 in previous seasons.

Special Teams: (3) Kicker: Joseph - Punter: Colquitt - Long Snapper: DePaola

Notes: Both Colquitt and DePaola were cut but then added back to the roster on Wednesday.

Week 1 Preview (Minnesota Vikings @ Cincinnati Bengals)

The Minnesota Vikings' 2021 NFL season kicks off this Sunday at Paul Brown Stadium against the Cincinnati Bengals. The Vikings will hope to get off to a hot start as they play a Bengals team that has a lot of issues surrounding them. The main issue for the Bengals will be protecting their young, franchise QB in Joe Burrow, whose promising rookie season came to an abrupt end due to a severe knee injury in week 11. Many reports out of Bengals' camp indicate that Joe Burrow still might not be fully comfortable taking on an aggressive pass rush with his recovering knee. Thus, look for Danielle Hunter to likely have some success against a Bengals offensive line that gave up a total of 48 sacks last year.

In order to combat their offensive line issues, the Bengals signed former Viking, Riley Reiff, to become their new starting right tackle. However, many around the league felt that this wasn't enough and called for the Bengals to take an offensive lineman in the

first round of the 2021 NFL Draft. Nevertheless, the Bengals ignored such suggestions and took wide receiver, Ja'Marr Chase, in the first round of the draft. Chase, who played alongside Justin Jefferson at LSU, was projected to become an immediate star for the Bengals. But after a rough preseason that saw Chase drop a total of 4 passes, many are starting to wonder if the Bengals will soon be regretting their draft decision.

The Vikings come into week 1 with a fair number of questions themselves. After missing the playoffs last year, the team looks to see if they can continue what has become a routine in the Mike Zimmer era of making the playoffs in the years ending in odd numbers.

One of the biggest factors that will determine whether this routine continues will be the newly revamped Minnesota Vikings defense. After giving up the 4th most points in the NFL last year, the Vikings defense will look a lot different than it did last year. Longtime Arizona Cardinal, Patrick Peterson, and NFL journeyman, Bashaud Breeland, will make up the starting cornerbacks of the Vikings' secondary. Newly acquired Xavier Woods will be Harrison Smith's new partner at the safety position. The defensive line, which looked like the worst d-line unit in Vikings' history last year, will have some new faces in the interior in Dalvin Tomlinson and Michael Pierce, as well as a return of pass-rushing star, Danielle Hunter, who was kept out all last season with a neck injury. The linebacking core of Eric Kendricks and Anthony Barr will be the only familiar tandem on this Vikings defense. However, it is important to note that Barr may miss week 1 with a knee injury that has held him out of practice for the last few weeks.

The Vikings offense, on the other hand, returns many of the same players that helped them finish 11th in scoring in the 2020 season. Of all those returning players, none will be more important than Dalvin Cook, who has shown over his career that the Vikings offense runs through him. Cook will hope to take advantage of a Bengals defense that was one of the worst in stopping the run last year. It will be interesting to see if newly appointed Offensive Coordinator, Klint Kubiak, will look to give Cook as many carries as possible or instead limit Cook's touches in order to preserve him for the entire season. Nonetheless, having Cook in at running back will likely offer a significant boost to a Vikings starting offense that failed to score a single touchdown in the preseason without him.

Ultimately, this Week 1 game will be a great indicator of how the Vikings' season will go. If the Vikings come out and struggle against a Bengals team that has no chance at making the playoffs, it will undoubtedly signal that this is not as great of a Vikings team as many fans had hoped. However, if the Vikings show up and manhandle the lowly Bengals, watch out, we might have ourselves a fun team this year!





Aberdeen: 605/725-4900



#### Reflections on 9/11

Millions of Americans like me knew when they heard the news, that it would change everything. The radio newscast told us only that two planes had crashed into the World Trade Center, but I knew instantly what it was and what it meant. Terrorism and war.



That's Life by Tony Bender

It was a short trip

from our rural home to town; I was driving past the school, my kids buckled in, when I heard the broadcast, but in the next few blocks on our way to daycare, I processed what it meant: things would change, and the world I grew up in, a more innocent world my kids would never know, was suddenly less innocent.

It was my birthday.

So many mistakes. We've just removed ourselves from Afghanistan, where a necessary mission to destroy Al Qaeda morphed into an impossible if well-intentioned, nation-building task, our exit a reminder that wars are unpredictable and messy. And sadly, seemingly, ongoing.

Amidst the fever of war, the Americans were sold on a war against Iraq under false pretenses and the concept of preemptive war. Maybe it's old-fashioned and irrelevant when it comes to military strategy, but Americans hadn't seen themselves as people who would throw the first punch. We thought of ourselves as angels of righteousness. Then came state-sanctioned torture. Incarceration without due process. Ongoing violations of the 4th Amendment protections against illegal search and seizure through electronic surveillance—mass data-gathering. Security screenings where there had been none before.

Perhaps it's naive to think that a constitution crafted 250 years ago can be so enlightened and sacrosanct that it transcends modern realities and shouldn't evolve, and hey, we do it with religious text. However, that we so blithely have gone along with it, in the name of patriotism, without a national conversation seems to me, well, unAmerican. When President Bush warned the rest of the world, "You're either with us or against us," I found it chilling. We'd become bullies or at best, an awakened beast reacting in anger and less so in logic.

As a journalist, I can remain objective and dispassionate about most things, however, the ignorance of so many Americans appalls me. As was intentioned, people believe today that Iraq attacked us on 9/11. No, those planes were loaded mostly with Saudis, the guys we arm and buy our oil from. H.L. Mencken, has been credited as saying "No one has ever lost money by underestimating the intelligence of the masses..."

Such was the tone of my columns 20 years ago, and in an environment in which Bush's press secretary Ari Fleischer chillingly warned the press to "be careful what you say," numerous publishers of my columns dumped me. It was their right, but was it right? I rest easy knowing that I was right and that I was right for speaking unpopular truths to a country swept up in war fever.

One should always be suspicious of government-fueled patriotism. That's not because you don't love your country, but because you do. Waving a flag over a conflict like some kind of holy blessing doesn't make it right.

a Medieval crusade—and that emotion and Check your history books.

a bartender in Manhattan about the change national treasure. in the city. "I think it's made everyone nicer,"

The cause against bin Laden was righteous, and I grew frustrated by Bush's outward casual indifference to finding him, so when Barack Obama announce that the terrorist bless America. leader was dead, it became the only time  ${\rm I}$   ${\rm I}$  sincerely mean that. celebrated another human's death.

It felt like I had my birthday back.

Although I opposed the war in Iraq, I've reserved judgement about the evolving out-There was a sincere national unity we've come. Ridding the country of Saddam Husnot seen since—now we fight over basic sein was a righteous cause. Every war and common sense public health issues like it's political action of the past is connected to the present, sometimes for the best, often love of country can be used for good or evil. not. Likewise, I'm reserving judgement on Afghanistan. After all, Vietnam is now a trad-I visited the Twin Towers site a couple of ing partner. Things may well work out. Evenyears after 9/11, and I remember talking to tually, if clumsily, at a great cost of lives and

What's done is done, but perhaps we can she said. For a time, it did but look at us learn from it even as we remember and mourn those good people who died on 9/11 and those warriors who died or were forever damaged. Sadly, as a suicidal species, we need warriors, so God bless them. And God

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#### **Bearcats tame Tigers at the net**

The Webster Area volleyball team defeated Groton Area in four sets with action being played in Webster on Tuesday.

Webster Area won the first set, 25-22. The set was tied four times with three lead changes before Webster Area took a 12-9 lead en route to the win. Anna Fjeldheim had a kill and two ace serves, Aspen Johnson had a block and Madeline Fliehs had four kills and an ace serve in that set.

The second set was close for the first half with the game being tied eight times and there were six lead changes. Groton held a 10-9 lead, but then the Bearcats went on a five point run and took control of the game, winning it 25-15. Sydney Leicht had an ace and a kill, Megan Fliehs had a kill and Madeline Fliehs had two kills in that set.

Webster Area had the early lead in the third set, jumping out to a 10-4 lead. The Tigers battled back and tied it at 14 and took a 15-14 lead. Webster Area tied it at 19 and 20 before Groton scored four straight points and then went on to win, 25-22. Anna Fjeldheim had a block, Emma Schinkel and Megan Fliehs each had a kill, Alyssa Thaler and Allyssa Locke each had an ace serve, Sydney Leicht had two kills and an ace serve and Madeline Fliehs had three kills.

Groton Area continued its rally into the fourth set, taking a 12-5 lead, but then the Bearcats got on fire and at one point, scored six straight points to take a 16-14 lead and they went on to win, 25-21. Anna Fjeldheim had a block, Emma Schinkel had a kill, Megan Fliehs had a kill and a block and Madeline Fliehs had two kills, an ace serve and a block.

Groton Area won the junior varsity match, 25-13, 24-26 and 15-11.

The Tigers lost the C match, 25-10 and 26-24. In that match, Emma Kutter had four kills, two blocks and an ace serve. Ava Wienk had three kills, Ashley Johnson had two kills, Carly Gilbert two ace serves, Cadence Feist and Abby Jensen each had an ace serve and Kayla Lehr and Tali Wright each had a kill.

Groton Area won the eight grade match, 25-23 and 25-17. The seventh graders also won, 25-17, 21-25 and 15-11.

Groton Area will host Sisseton on Thursday with a full slate of matches starting at 5 p.m. The C match was broadcast live on GDILIVE.COM, sponsored by the Groton Chiropractic Clinic. The varsity match was also broadcast live on GDILIVE.COM, sponsored by Allied Climate Professionals with Kevin Nehls, Milbrandt Enterprises, Inc., and Bary Keith at Harr Motors.

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### **Groton Area gridiron posts** 37-6 win over Webster Area

Groton Area's football team dominated Webster Area in all aspects of the game and posted a 37-6 win. The game was played Friday night in Webster.

Groton Area had had twice as many first downs as Webster, 20-10, had more yards rushing, 153-83, more yards passing, 231-41, and threw for three touchdowns while Webster had two interceptions. But the Tigers also had twice as many penalized yards, 50-23.

Groton Area led, 7-6, after the first quarter, but then led at halftime after scoring two more touchdowns in the second quarter, 21-6. Groton Area added a touchdown in the third quarter to make it 27-6, and then added a touchdown and a field goal in the fourth quarter for the final 37-6 win.

Rushing: Groton: 39-153 (Andrew Marzahn 13-50, Kaden Kurtz 11-32, Favian Sanchez 4-35, Pierce Kettering 6-13, Taylor Diegel 1-10, Christian Ehresmann 1-2). Webster: 32-83 (Jaydon Keller 23-95, Brent Bearman 5-9, Isaac Zacher 1-2).

Passing: Kaden Kurtz completed 17



Opitz. (Photo by Paul Kosel)

Fumbles: Groton had 4, lost 1. Webster had 5, lost 1.

Penalties: Groton 3-50, Webster 3-23.

Defensive Leaders: Groton: Marcos Garcia 8 tackles, Logan Ringgenberg 8 tackles, Pierce Kettering 8 tackles, Christian Ehresmann 6 tackles, Jackson Cogley 5 tackles, Ethan Gengerke 5 tackles and fumble recovery, Jordan Bjerke interception for touchdown, Favian Sanchez 1 interception. For Webster: Jacob Keller and Jaydon Keller each had 11 tackles and Brent Snaza

Groton Area, now 2-1, will travel to Deuel on Friday. Webster, now 0-3, has next week off.

Scoring:

First Quarter:

Groton: 2:05, Favian Sanches 9 yard pass from Kaden Kurtz. PAT kick by Jackson Cogley was good.

0:37: Webster: Jaydon Keller 30 yard run. Two-point conversion no good.

Second Quarter:

10:26: Groton: Jordan Bjerke 15 yard pass from Kaden Kurtz. PAT kick by Jackson Cogley was good.

6:20: Groton: Favian Sanchez 5 yard pass from Kaden Kurtz. PAT kick by Jackson Cogley was good.

Favian Sanchez got in good position to inter-

cept this pass intended for Webster's Ethan

Third Quarter:

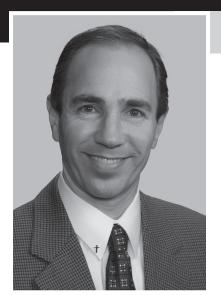
6:26: Groton: Kaden Kurtz 3 yard run. PAT pass was no good.

Fourth Ouarter:

6:01: Groton: Jackson Cogley 39 yard field

4:15: Groton: Jordan Bjerke interception return for 35 yards. PAT kick by Jackson Cogley was good.

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4 ♦ Groton Independent ♦ Wed., Sept. 8, 2021

#### **Brown County August 31, 2021 Meeting Minutes**

AUGUST 31, 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 Kippley led the Pledge of Allegiance.

APPROVAL OF AGENDA:

Moved by Sutton, seconded by Wiese to approve the agenda. All members present voting aye. Motion carried.

OWNERS REPRESENTATION SERVICES (JAIL EVALUATION) PROPOSAL AWARD:

Ernest Thompson (State's Attorney) and Dave Lunzman (Chief Deputy Sheriff) reviewed proposals for owner representation services. Sealed proposals were opened August 3rd, 2021 to be awarded after review. Moved by Sutton, seconded by Wiese to award proposal for step one from HMN Architects in the amount of \$15,000, rejecting proposals from Tegra Group in the amount of \$48,000; Donlar Construction in the amount of \$42,000; KMS Engineering in the amount of \$115,000 and Elevatus Architecture in the amount of 5% of the total project cost. All members present voting aye. Motion carried

APPLICATION FOR OCCU-

Moved by Feickert, seconded by Wiese to approve application submitted by Northern Electric Coop for occupancy of Brown County Highway Number 6, in Section 12 & 13, Township 124N, Range 65W, Brown County, South Dakota for electric service purpose. All members present voting aye. Motion carried.

SD DOT AGREEMENT FOR RAILROAD SIGNALS ON COUN-

Moved by Sutton, seconded by Wiese to approve and authorize the Chair sign agreement with the SD DOT for the placement of highway grade crossing signals with gates at the two (2) track crossing, DOT 067592A, located in the 391st Avenue in Brown County, South Dakota for an estimated cost of \$242,787.12. The county will pay the State for the County's 10% share of the project costs. All members present voting aye. Motion carried. MINUTES:

Moved by Sutton, seconded by Wiese to approve the general meeting minutes of August 24, 2021. All members present voting aye. Motion carried.

CLÁIMS:

Moved by Feickert, seconded by Sutton to approve the follow-

ing claims: Professional Fees: ABERDEEN CURLING CLUB \$250.00; ABER-DEEN YOUTH WRESTLING CLUB \$5,000.00; ALEDA TOLLEFSON \$50.00; ÁSHLEY SEEKLAND-ÉR \$50.00; AVERA MEDICAL GROUP UNIVERSITY PSYCHIA-TRY ASSOC \$3,625.00; AVERA ST. LUKE'S \$5,008.47; Angie's Cleaning Service \$700.00; Caitlyn Oleson \$50.00; CAROL GREÉN \$50.00; CARRÍE HAN-SEN \$50.00; CATHY JORGEN-SON \$50.00; Cathy Kaderabek \$50.00: Cathy Schmitz \$150.00: CERTIFIED LANGUAGES IN-TERNATIONAL LLC \$1,194.60; CGI \$982.80; CHRISTOPHER A. HAAR \$7,111.10; CHRISTY GRIFFIN-SERR LAW OFFICE \$7,070.31; CINDY SCHNABEL \$50.00; CLARK ENGINEERING CORPORATION \$16,684.93; COGLEY LAW OFFICE, PROF LLC \$7,656.25; DAKOTA COUN-SELING GROUP, LLC \$2,500.00; DARCY LOCKWOOD \$102.00; DEPENDABLE SANITATION INC \$31,298.40; DOHRER LAW OF-FICÉ \$7,656.25; Doreen Sperry \$50.00; DUANÉ JARK \$50.00; Emily Carrels \$50.00; FAULK COUNTY SHERIFFS OFFICE \$2,790.00; FLORENCE KRAUS \$50.00; FOX & YOUNGBERG PC \$764.40; GOOD SHEPHERD LUTHERAN CHURCH \$3,500.00; HELMS & ASSOCIATES INC \$9,570.50; HOUSTON ENGINEERING, INC. \$1,735.00; HUB AREA HABITAT FOR HU-MANITY, INC. \$1,000.00; JER-ALD M. MCNEARY \$7,070.31; JOY BRAUN \$50.00; KARIN SUE BARTELL \$50.00; KATHY NOVSTRUP \$50.00; Katie Olson \$50.00; KENNEDY PIER LOFTUS, LLP \$148.50; KRISTI SPITZER \$2,000.00; KUCK LAW OFFICE \$7,371.91; LANGUAGE LINE SERVICES INC \$1,755.49; LEWIS & CLARK BHS \$552.00; LEW'S FIREWORKS \$1,000.00; LEXISNEXIS RISK DATA MGMT INC. \$150.00; LINCOLN COUNTY TREASURER \$284.16; LINDA THURSTON \$50.00; Lisa Har-

bert \$50.00; LUCY LEWNO \$1,110.00; MARK KATTERHA-GÉN \$102.00; Mary Odland \$150.00; MEDICAL WASTE TRANSPORT INC \$188.57; MI-CHELLE GAIKOWSKI \$319.60; Mike Grann \$100.00; MITCH VILHAUER \$1,617.48; MYSTY SCHAUNAMAN \$150.00; NANCY A. KLUNGSETH \$50.00; NE MEN-TAL HEALTH CENTER \$2,808,00: NORTHERN STATE UNIVER-SITY FOUNDATION \$6,500.00; PAUER SOUND & MUSIC INC \$12,500.00; PHYLLIS DONAT \$50.00; RIC DIAS \$50.00; ROB-ERT KRAMER \$150.00; Ron Breedlove \$50.00; SANFORD HEALTH \$571.52; SANFORD HEALTH OCCUPATIONAL MEDI-CINE ABERDEEN \$193.00; SARA ZAHN \$178.00; SD DEPT OF HEALTH \$2,775.00; SD NURSE'S ASSOCIATION \$1,000.00; SD SNOW QUEEN FESTIVAL INC. \$1,000.00; SHI INTERNATION-AL CORP \$835.44; STATE OF SOUTH DAKOTA \$39.31; SUSAN GERLACH \$50.00; TALIAFERRO LAW FIRM \$7,656.25; TAYLER WOLFF \$50.00; TONYA ZINTER \$50.00; Travis Hoffman \$150.00; Tyler Bush \$275.00; Tyler Myers \$150.00; UNIVERSITY OF NORTH DAKOTA \$2,080.00; US BANK \$2,568.26; WEST PUB-LISHING CORP. \$844.40; WHIT-NEY VOGEL \$250.00; YANK-TON COUNTY SHERIFF OFFICE \$150.00; YANKTON COUNTY TREASURER \$285.90 Publishing: GROTON INDEPENDENT \$142.59; LEE ENTERPRISES \$19.; US BANK \$30.00 Repairs & Maintenance: CLIMATE CONTROL \$10,480.00; DAKOTA DOORS INC \$142.11; DAKOTA PUMP INC. \$2,466.57; DIAMOND MOWERS INC \$61.87; DIESEL MACHINERY \$16,781.52; DOUG-LAS E. GROTE \$25.00; ECOLAB PEST FLIMINATION \$370.21: FARM POWER MFG INC \$293.06; GILLUND ENTERPRISES \$6.00; GREAT WESTERN TIRÉ INĆ \$10.00; HOUSE OF GLASS \$80.61; J GROSS EQUIPMENT \$1,489.64; JALENE M. PALMER 524.40; KEITH BAKER \$28.03: KEVIN W. STEIN \$836.57 LANG'S AUDIO TV & APPLIANCÉ \$85.00; LAWSON PRODUCTS, INC \$53.92; LEIDHOLT ELEC-TRIC LLC \$2,158.75; LITTLE FALLS MACHINE INC \$800.00; MARK NELSON \$95.00; OTIS

ELEVATOR \$69.80; PARKVIEW NURSERY \$3,749.96; PIERSON-FORD-LINCOLN -MERCURY \$707.89; POMPS TIRE SERVICE, INC \$102.84; ROLAND L. MOER-KE \$80.00; SANDERS'S SEW-N-VAC, INC \$110.44; SEWER DUCK \$700.00; STEVEN LUST AUTOMOTIVE \$692.62; TRAFFIC SOLUTIONS, INC \$30,497.88; TRANSOURCE TRUCK & EQUIP-MENT, INC. \$660.00; US BANK 759.64; WESTERN STATES FIRE CO \$4,990.00; WOODMAN REFRIGERATION, INC \$870.24 Supplies: ABERDEEN PIT STOP \$10.38; ADVANCE AUTO PARTS \$914.37; AGTEGRA COOPERA-TIVE \$37,524.81; BONNIE BITZ \$48.00; Boyer Trucks \$237.66; C. SCOTT BADER \$13.05; CARTNEY BEARING \$153.68; CENTURY BUSINESS PRODUCTS \$10.68; CRAWFORD M S & F INC \$9.24; DAKOTA DOORS INC \$163.65; DAKOTA OIL \$164.42; DAKOTA SUPPLY GROUP \$788.02; DIESEL MACHINERY \$1,693.53; DONALD P. PALMER \$118.16; FARNAMS GENUINE PARTS INC \$130.47 FASTENAL CO \$173.55; FOX & YOUNGBERG PC \$4.40; GIL-LUND ENTERPRISES \$206.16; GREAT WESTERN TIRE INC \$2,219.70; J GROSS EQUIPMENT \$1,333.07; JASON VILHAUER \$120.00; JÁSON'S ELECTRIC INC \$111.33; JENSEN ROCK & SAND INC \$251,194.28; KATHLEEN PARISOT \$60.00; KESSLERS \$68.86; LAWSON PRODUCTS, INC \$698.85; LEIDHOLDT TOOL SALES, LLC \$40.69; LEIDHOLT FIREWORKS \$4,000.00; LIEN TRANSPORTATION COMPANY \$204,384.60; LITTLE FALLS MACHINE INC \$10,552.00; LUCY LEWNO \$37.05; MARCO INC \$38.42; MATHESON TRI-GAS, INC. \$1,003.65; MCKESSON MEDICAL-SURGICAL GOVERN-MENT SOLUTIONS \$1,832.18;

MENARDS \$687.97; MIDSTATES

PRINTING \$648.00; MILLSTONE

RESTAURANT \$315.78; NORTH-

ERN VALLEY COMMUNICATION \$26.87; PANTORIUM CLEAN-ERS INC. \$84.00; PHARMCHEM \$631.90; PLUMBING & HEATING

WHOLESALE, INC. \$368.85; POMPS TIRE SERVICE, INC

\$54.00; PRECISION KIOSK TECHNOLOGIES \$2,700.00; ROBERTA NICHOLS \$1,299.96;

RUNNINGS \$154.96; SATELLITÉ

TRACKING OF PÉOPLE, LLC

\$1,192.75; SERVICE SIGNS &

SALES \$3,182.65; SHARE CORP

\$267.04; SPECIALTY MFG INC \$128.40; TERESA MANN \$69.28;

TITAN MACHINERY - ABERDEEN

NH \$798.47; TRANSOURCE

TRUCK & EQUIPMENT, INC. \$932.28; TRĬ STATE WATER \$35.00; US BANK \$18,678.31; US FOODS \$8,723.74; VAN DI-EST SUPPLY CO \$14,898.80; WEST PUBLISHING CORP. \$1,785.86 Travel & Conference: AARON WALBERG \$269.10; Andrew Coughlin \$19.74; CAR-RIE HANSEN \$41.08; CATHY JORGENSON \$23.69; Cathy Schmitz \$55.46; JOY BRAUN \$25.10; KARIN SUE BARTELL \$39.20; KATHY SCHLECHT \$265.34; Katie Olson \$96.82; KELSI THILMONY-VINGER \$50.00; Mary Odland \$73.13; MICHAEL WIESE \$76.04; Mike Grann \$69.56; ROBERT KRAMER \$209.62; SD ASSOC OF COUNTY COMMISSIONERS \$1,415.00; Travis Hoffman \$173.90; Ty-ler Bush \$52.08; Tyler Myers \$314.90; US BANK \$629.07; WHITNEY VOGEL \$129.72 Utilities: AT&T MOBILITY \$211.44; CITY OF ABERDEEN \$6,287.51; CITY OF HECLA \$102.29; DE-PENDABLE SANITATION INC \$513.00; MIDCONTINENT COM-MUNICATIONS \$124.51; MON-TANA DAKOTA UTILITIES CO \$48.15; NORTHERN ELECTRIC COOP, INC \$86.00; NORTH-ERN VALLEY COMMUNICATION \$1,597.23; NORTHWESTERN **ENERGY & COMMUNICATIONS** \$16,588.81; QWEST CORPORA-TION \$200.31; US BANK \$66.76; VERIZON WIRELESS SERVICES LLC \$2,915.59 Rentals: SEWER DUCK INC \$175.00; NB GOLF, LLC \$17,700.00; FIRE SAFETY FIRST, LLC \$325.00; GOMPF DIS-PLAY INC \$1,985.00; TJ's Event Toilets LLC \$12,800.00; LAURA A. MOUNT \$2,653.00; STREET SMART RENTAL \$5,600.00. All

Motion carried. HR RFPORT:

Moved by Kippley seconded by Wiese to approve the following HR Office Report, which includes the following:

members present voting aye.

Acknowledge termination of Teresa Mann, full-time Brown County Jail Cook effective August 17. 2021.

Approve hiring of Levi Margolies as Brown County Dacotah Prairie Museum Part-time Curatorial Assistant for Collections effective September 8, 2021 @ \$14/hour.

Approve transfer of Michael Janes from part-time to full-time Brown County Jail Cook effective September 5, 2021. Request

All members present voting ye. Motion carried. INCODE CLOUD CONTRACT:

Moved by Sutton, seconded by Wiese to approve accounting oftware and hr management software upgrade to the latest version (INCODE CLOUD) in the amount of \$49,733. All members present voting aye. Motion

SET HEARING DATE & AU-THORIZE ADVERTISING HIGH-WAY 5 YFAR PLAN:

Moved by Sutton, seconded by Wiese to set date for public meeting to discuss and receive public comment on the Five (5) Year County Highway and Bridge Improvement Plan, to be held in the Brown County Commission Chambers, Courthouse Annex, at 8:47 a.m. on September 21, 2021. All members present voting aye. Motion carried.
AIR CONDITIONER AND

**EVAPERATOR COIL QUOTES:** 

Moved by Feickert, seconded by Wiese to accept lowest quote for installation, parts and labor for a 4-Ton Air Conditioner and Evaporator Coil from Woodman Refrigeration, Inc in the amount Rejecting a guote from Custom Sheet Metal, Inc in the amount of \$7,000. All members present voting aye. Motion carried.

DISINTERMNET PERMIT:

Acknowledge and accept notice of disinterment permit (Riverside Cemetery) affecting Brown County from the SD Department of Health and Vital Records. All members present voting aye. Motion carried.

TEEN COURT EVENT:

Diane Lehr (Teen Court Coordinator) informed the commission of an upcoming event honoring the 20th anniversary of 9/11. The event is sponsored by Brown County Teen Court and will be held Saturday September 11, 2021 10:00 a.m. at the Johnsen Fine Arts Center in Aberdeen, SD. COUNTY BREAK ROOM USE

REQUEST:

Commissioner Kippley requested to use the county employee break room on a trial basis as a reception center for youth requiring supervision until a guardian can be reached. The need for temporary supervision is infrequent.

**EXECUTIVE SESSION:** Moved by Kippley, seconded by Sutton to go into executive session to discuss contracts per SDCL 1-25-2(4). All members present voting aye. Motion carried. The chair declared executive session closed with no action taken.

ADJOURNMENT:

Moved by Kippley, seconded by Wiese to adjourn the Brown County Commission at 9:54 a.m. All members present voting ave. Motion carried.

Cathy McNickle, Brown County

Published once at the total approximate cost of \$127.24.

#### **Brown County** Highway 5 Yr Planning Hearing

NOTICE OF HEARING HIGHWAY 5 YEAR PLAN

A public hearing will be held by the Brown County Commission on the 21st day of September, 2021 beginning at 8:47 a.m. in the Brown County Commission Chambers, Courthouse Annex, Aberdeen, SD on the highway 5 year Road and Bridge plan presentation.

The public is invited to attend the hearing and to present comments and testimony regarding the Highway 5 year plan.

ATTEST: Cathy McNickle, Brown Coun-

ty Auditor Published once at the total approximate cost of \$7.51.

#### **Brown County Change in Zoning**

NOTICE

Application has been made by Tom Barber/Seth Anderson to the Brown County Board of Commissioners for a change of zoning. Hearing to be held in the Commissioner's Chambers, Courthouse Annex, Brown County, South Dakota on September 21 at 8:46 A.M. for the purpose of rezoning the following property from Chapter 4.06 Agriculture Preservation District (AG-P) to Chapter 4.07 Mini-Ag

District (M-AG): Lots 1 & 2, "Barber's Subdivision of Lot 2 in Barber's Second Subdivision" and Lot 1, "Barber's Second Subdivision" in the SW 1/4 of Section 31-T124N-R64W of the 5th P.M., Brown County, South Dakota (38216 130th 38220 130th St. & 38232 130th St.)

The public is invited to attend the hearing and to present comments and testimony regarding the amendment to Second Revision Brown County Ordinances pertaining to rezoning the described property. At the conclusion of the hearing, the Brown County Commission may adopt first reading of Ordinance

ATTEST: Cathy McNickle, Brown County

Auditor (0908.0915)

Published twice at the total approximate cost of \$25.86.

#### Tea Area wins both games on Saturday

Tea Area handed the Lady Tigers soccer team its first loss of the season Saturday with a 3-0 win. The game was played in Groton.

Groton Area struggled throughout the game as the ball was mostly on Groton's end of the field. Tea Area had 20 attempts at the goal with three of them going in. Groton Area only had three attempts at the goal.

Tea Area scored first with 22:35 left in the first half when Sydney Sherwood would score. Kaitlin Kuhnert would score for Tea Area with 33:29 left in the game and Sherwood would follow up with the third goal with 2:45 left in

The boys team lost to Tea Area and the game was called with 20 minutes left in the game as the score was 11-0. Tea Area spread out the offense forcing Groton Area to run more and it opened up the net. Groton Area had about four attempts at the goal while Tea Area had about 35 attempts at the goal.

Ryan Del Monaco scored four goals and had one assist to Jonathan Howe who scored. Ivan Zamora scored twice and adding one goal each were Alex Pies, Connor Eimers, Carson Hall and Peyton Edmonds.

The boys will travel to James Valley Christian on Thursday and the girls will host West Central on Friday.

#### **Verdon City** Konkin's Annexation

City of Verdon has approved the annexation of Konkin's outlet (40646 148th St) on July 30th 2021 into city limits. The resolution is held to be approved on Sept. 13 at 9:00 a.m., 75 N 3rd St Verdon SD.

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Dana Dohman, CPNP

snuggles one minute and causing mischief the next. But you wouldn't have it any other way. Sheilla Kiconco, MD, Bobby Goeman, CPNP and Dana Dohman, CPNP, are here to help keep your little ones going at top speed. Whether it's a wellchild check-up, a cold or a complex medical issue, they're here for all your child's health needs.

Call (605) 226-5500 to schedule an appointment at Sanford Aberdeen Clinic.

# Classifieds and Card of Thanks

The following rates are for Classifieds published in both the Groton Daily Independent and the Groton Independent, and posted on-line at www.grotonsd.net. 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**

BILLMAN ESTATE JOHN DEERE tractors & estate sale! 58 vintage working tractors, parts & 50+ pedal tractors & more! Twig, MN. Sept. 16-19. estateofvalue.com 715/718-8000

#### **EMPLOYMENT**

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.

JERAULD COUNTY IS ACCEPTING APPLICATIONS for a full-time Ambulance Director/Emergency Medical Technician. Competitive wages and benefits. Contact Jerauld County Auditor's Office, 605-539-9301 or email jerauldaud@venturecomm.net.

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)

PERKINS COUNTY HIGHWAY DEPT. has opening for an Equipment Operator. Good Benefits. Applications are available at Courthouse in Bison, SD. Perkinscounty.org or call 605-244-5629.

#### FOR SALE

FOR SALE: CATTAIL HAY for sale. Cattail and reed canary grass mixture, twine wrapped, \$60 a ton. Call or text 605-680-0071 for more information.

#### **MISCELLANEOUS**

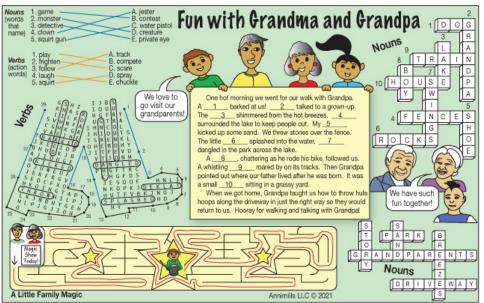
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#### **NOTICES**

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#### Kidney's Don't Get No Respect

The kidneys may be called the Rodney Dangerfield of the body, as they often "don't get no





By Jill Kruse, D.O.

respect." The National Kidney Foundation estimates that one in three adult Americans are at risk for kidney disease, yet these organs are mostly ignored unless they develop stones or stop working.

When healthy, kidneys work continuously at their main job of filtering blood to remove unwanted products and help produce urine. Kidneys clean approximately 200 liters of blood each day removing up to two liters of toxins, waste, and water in the process. Perhaps less well known is the fact that the kidneys are essential for many other functions in the body as well, including managing blood pressure and preventing anemia.

Kidneys release the hormone renin which is part of the complex renin-angiotensin-aldosterone system, or RAAS, instrumental in helping regulate blood pressure. RAAS regulates sodium and potassium absorption in the kidneys and balances fluid and electrolyte levels in the body, all of which have a direct impact on blood pressure.

When treating patients whose blood pressure does not respond to medications, heart doctors will examine RAAS function. They may also order an ultrasound of the kidneys. Sometimes this reveals a narrowing of the artery going into the kidneys which may be responsible for treatment-resistant high blood pressure.

Kidneys also secrete a hormone called erythropoietin which acts on bone marrow to help the body produce red blood cells. Without this hormone, people can develop anemia.

Vitamin D is converted to its active form by the kidneys allowing the body to use the vitamin to its advantage. Thanks to the kidneys, vitamin D helps balance calcium and phosphorus absorbed from the foods we eat. Without enough calcium, people can develop weakening of the bones and muscles.

Kidneys complete these and many other functions so efficiently that a healthy person can donate one and the remaining kidney will do the work of two. They work hard to help us, so let's do our fair share to help them. If you have diabetes, work to control it as best you can because high blood sugars can damage your kidneys. And one thing all of us can do for our kidneys is to stay hydrated.

There is no doubt that kidneys deserve more respect. Talk to your doctor about blood tests or urine tests to check your kidney's health and functionality. Kidneys...let's show them some respect!

Jill Kruse, D.O. 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 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.

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#### **STRANGE BUT TRUE**

#### **By Lucie Winborne**

\* Christopher Havens, a high school dropout and convicted murderer, taught himself advanced mathematics and solved a decades-old math puzzle involving "continued fractions" while in prison. He then published his findings in an international advanced math journal in January 2020.

\* The Grand Canyon is so big that it creates its own weather.

\* In August 1971, the Pittsburgh Pirates became the first professional team to have all nine players in the lineup be of Black or Latino descent.

\* World War II German interrogator Hanns Scharff's unusual techniques for extracting information -- which included sharing his wife's homemade baked goods, cracking jokes, unsupervised nature walks and afternoon tea -- were so successful that the U.S. military later incorporated them into their own interrogation schools.

\* The blood in that infamous "Psycho" shower scene was actually chocolate syrup.

\* Because it turns yellow when fully ripe, the Persian lime is not commonly found in markets, as it gets confused for lemons, but is used for most commercial purposes.

\* Hungarian composer Franz Liszt received so many requests for locks of his hair that he bought a dog and sent fur clippings instead.

\* The Bible is the most commonly stolen book in the world.

\* Pill bugs, also known as roly-polys, are not insects but rather crustaceans. They breathe through gills and are more closely related to

shrimp and lobsters than other bugs.

\* The moon is not round, but shaped like an egg.

\* Brunettes are more likely than anyone else to become hooked on nicotine. The high levels of the pigment melanin in their hair also make it difficult for the liver to metabolize the nicotine, keeping it in the system longer and making it easier to become addicted.

Fun with Grandma and Grandpa

Hi! We are Penny and Ben. We are twins. Last weekend we went to visit our grandparents. They live in another state so we got to stay with them for a whole week. Grandma gave us lots of hugs. We baked desserts, rode bikes, played video games and camped one night in the backyard.

We love to go and visit our

grandparents!

Grandpa helped us build and paint bookcases. He took us on a walk every morning to a little store. He bought his newspaper, then he let us choose a treat to keep for later.

We want to tell you a story about our longest walk:

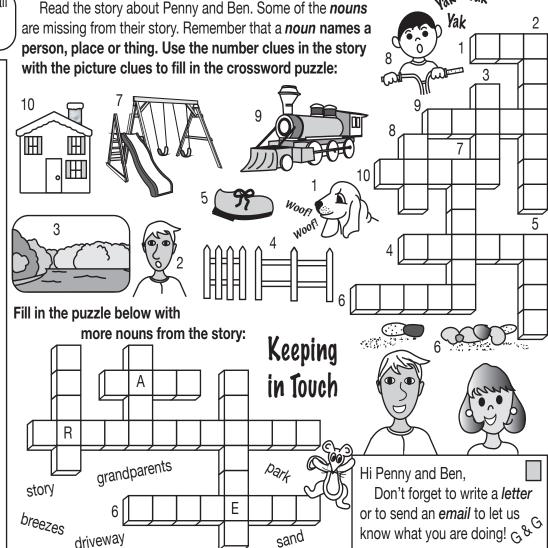
One warm morning we went for our walk with Grandpa. 1 barked at us! 2 talked to a grown-up.

The \_\_\_3 \_\_ shimmered from the hot breezes. \_\_\_4 surrounded the lake to keep kids safe. My \_\_\_5 kicked up some sand. We threw stones over the fence.

The little 6 splashed into the water. 7 dangled in the park across the lake.

\_8\_\_\_, chattering as he rode his bike, followed us. A whistling 9 roared by on its tracks. Then Grandpa pointed out where our father lived after he was born. It was a small 10 sitting in a grassy yard.

When we got home, Grandpa taught us how to throw hula hoops along the driveway in just the right way so they would return to us. Hooray for walking and talking with Grandpa!





25

Penny and Ben's story has lots of action. The words that show action are called verbs. Can you find and circle these verbs?

We made two small

crossword puzzles

for you. Have fun!

barked GSHItalked LILKO chattering VMNFA UGTRA splashed  $^{M}$   $^{K}$   $^{G}$   $^{R}$ shimmered IHNCOL JHIOUTS JHE surrounded K E DTSRENKL kicked Ε • O H E B D H Y E  $I_{OP}$ dangled JITFE KJB roared I VTJDNMthrow  $c_{KED}$ DANGLE JUW EDFPHGFTR RGV SE CHGF $X_{0}$  16 0 I <sub>H</sub> NKOPKJDEKL HROWHIGTA HUTFVBKJNOJ NBHYGE SPI ASHEDH IUH. 10 12

Sometimes when we write a story we want to use different words that mean the same thing or almost the same thing. These words are called **synonyms**. Can you match each word to another that means the

Nouns

Grandma and I like to play word games!



(words that name a person, place or thing)

1. game

2. monster

3. detective

Let's see.

fishing,

playing

catch...

4. clown 5. squirt gun

Grandpa and I like

to race go-carts.

B. contest C. water pistol

A. jester

D. creature E. private eve

I enjoy reading stories that Meg writes in her emails to me.

Verbs (action words)

1. play 2. frighten A. track B. compete

3. follow 4. laugh

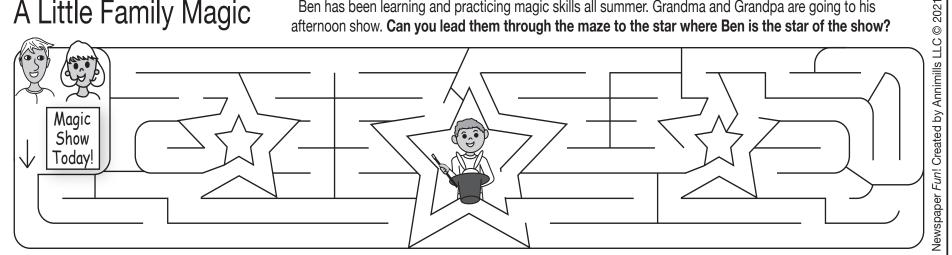
C. scare D. spray

action. We are going 5. squirt

E. chuckle

#### A Little Family Magic

Ben has been learning and practicing magic skills all summer. Grandma and Grandpa are going to his afternoon show. Can you lead them through the maze to the star where Ben is the star of the show?



# ARTHTAL

Dear EarthTalk: Is so-called "Off-Earth Manufacturing" really the environmental panacea that Jeff Bezos and other proponents say it is? -- M. Traney, Smithfield, RI

In July 2021, Richard Branson rocketed into suborbital space aboard a craft he helped fund, launching a new era of commercial space travel. About a week later, Amazon's Jeff Bezos flew into space on his own Blue Origin rocket. Both rockets emitted plumes of white smoke and tons of kerosene, releasing more greenhouse gases in a few minutes than a typical car would over two centuries. These rockets also emitted black carbon—or soot—into upper layers of the atmosphere, contaminating the air for years to come.

Space companies counter environmental concerns about space flight with promises to construct greener spacecrafts and to transform space into the newest global economic powerhouse. "We need to take all heavy industry, all polluting industry, and move it into space and keep Earth as this beautiful gem of a planet

that it is," said Bezos after returning from his trip. Bezos's vision, otherwise known as "Off-Earth manufacturing," centers around the transition of planet-exploitative industries into space.

Many materials extracted on Earth are also available in space. Celestial bodies like asteroids and the Moon contain water and water-derived propellants that can be used for in-space infrastructure. With the global mining industry tumbling from a market value of over \$1.6 trillion in 2010 to \$656 billion in 2020, space resources appear as realistic alternatives for mining. A report by Goldman Sachs, asteroid mining has costs "comparable to traditional mines."

"Off-Earth manufacturing" does drive energy and mining industries away from exploiting the finite resources on Earth, but the construction of such complex systems in space poses many challenges. Apart from the huge expense of launching materials into space, architects familiar with normal conventions of physics will be forced into a foreign field of designing for zero-gravity spaces. Additionally, large amounts of materials need to be produced and transported that are incredibly durable, able to withstand extreme temperatures, and that transmit information without loss.

The road to space commercialization is long and arduous, but the launching of SpaceX and Blue Origin rockets is a key stepping stone. As expenses of space travel continue to decrease, interest and investments in the global space industry will only increase. Bezos has already announced he is spending \$1 billion every year on Blue Origin. Venture capital firms are pouring money into space startups. According to recent data from Space Capital, almost \$38 billion has gone to space infrastructure companies over the past decade. On a wider scale, the global space industry is expected to generate over \$1.1 trillion by 2040 in a report by Morgan Stanley, up from the \$447 billion in a 2020 report by the Space Foundation.

Will time tell if Off-Earth manufacturing can help ease environmental pressures down here on our own planet? One has to wonder why

or eliminating them entirely.



Artist concept of 3D printing with cementitious materials on the Moon. Credit:

Greg Trent, Surface Construction.



we are so concerned with moving our polluting industries off-planet when we could concentrate instead on cleaning them up down here

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#### **Aberdeen Gun Club summer trap** league completed their season



Pictured above is the runner up in their division, Base Kamp Lodge team. L-R Lon Gellhaus, Bruce Babcock, Gentry Gauer, Brett Christianson, and Tom Mahan. (Not pictured is Greg Dennert.)





Sun. Mon. Tues. With Thurs. Fit. Sat. 5 6 7 8 9 10 11

Summer Trap league Chairmen, Swede Hanson, congratulates **Bruce Babcock as** the league most improved.