

Wildcat Echo

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A publication by the students of Maquoketa Valley High School

Friday Homecoming festivities



King Tanner DeMoss and
Queen Amaya Hunt





Engineering students tackle bridge building project

The engineering class is using the 5 step design process to build a bridge not only to hold enough weight required but to make sure they have a nice-looking design for the customer.

The students were given a list of materials that were offered. They had to research design options, material strengths, budget plans, and looks. Each material has a dollar amount on it, which makes them have to stay on budget. The students in teams were each given \$100,000.00 to spend on the bridge. For every \$10,000.00 left in the budget, they receive extra points.

"It's a great project for this class because they have to think like engineers in every way," stated Mr. Palmer. "These bridges [in the photos] are in the fourth step of the testing phases and redeveloping their week points and hopefully, they saved enough money to purchase more materials if needed."



Caden Ries works on his bridge. It's currently in the fourth step.

Industrial tech classes keep it hands on



The Electricity 1 class is learning how to wire outlets and switches. They have been challenged by tracing back problems that may occur. They have also been starting this past week on wiring up a combination of switches and outlets together using a single power course.

Above, Brendin Frasher tests his electricity knowledge.



The small engine classes have been working on tearing down Kohler and John Deere Gator motors. They have learned the functions of each part as they go and are starting to put them all back together. The engines were pulled all the way down where the valves, crankshaft, camshafts, and pistons were removed. They were amazed of the pile of parts that go into one engine.

Recently, Ed McIntyre from PCI talked to the students about being a diesel mechanic and heavy equipment operator. He brought in his service truck also to show all the tools he carries with him daily along with many pictures of what he does on a daily basis.

Sports Connection

Wildcats fight hard on the field, come up short

by Kylie Chesnut

Two weeks ago, the Wildcats challenged the Bellevue Comets and fell short of victory, 28-0. This away game proved to be a costly one for MV as senior AJ Ambundo played his last game of the season due to a knee injury.

Offensively the boys were aggressive. TJ Cook led in passing yards, with 95 yards in 28 attempts. Preston Roling carried the team in rushing yards gaining the team 23 yards. Lance McShane was the receiving yard leader for the game with 49 yards, followed by Landen Deutmeyer with 24 yards, and Avery Holtz close behind with 22 more yards.

On the defensive side of the game, Aidan Salow led in tackles bringing down the opponent 13 times. Close behind was McShane with 10 total tackles. Deutmeyer and Holtz each contributed 5.5 tackles in the game. Freshman Caden Ronnebaum, dominated the defensive end and went for 31 yards in his two interceptions.

Kick off was taken care of by AJ Ambundo, with 55 yards in one kick. Punting duties were handled by Brock Trenkamp for the game. In 7 attempts, he punted 189 yards.

The following week the Wildcats celebrated homecoming by inviting the East Buchanan Buccaneers. School spirit was high but the Wildcats were defeated by the visiting team with a final score of 40-0.

Cook also led with 80 passing yards in 24 attempts for this battle. Roling led the team in rushing aspects of the game: 39 yards in 8 carries. Following the lead of the upperclassmen, McShane contributed another 35 yards in 11 carries. Holtz dominated with 63 receiving yards in the 6 times he got the ball from Cook.

Defensively, Salow dominated with 9 tackles, Deutmeyer brought the competition down 6 times, and Carter Klaren got 5.5 tackles for the night. Tanner DeMoss pushed through and brought



Avery Holtz fends off a Bucs defender. Also pictured is Landen Deutmeyer (photo by Lesa Parmely)

the quarterback to the ground 1 time in the game.

Both kicking and punting was done by Trenkamp for the game. He kicked a total of 43 yards. With 2 punts, Trenkamp had 50 yards.

The boys are on the road tonight, making the journey to Clayton Ridge. Varsity will begin at 7:30. The theme for the night is camo; you won't be seen so make sure you are heard! Go Cats!

Sharing the word about cross country



Last week the high school cross country team members visited all three elementary schools to promote school spirit as well as awareness of the cross country program.

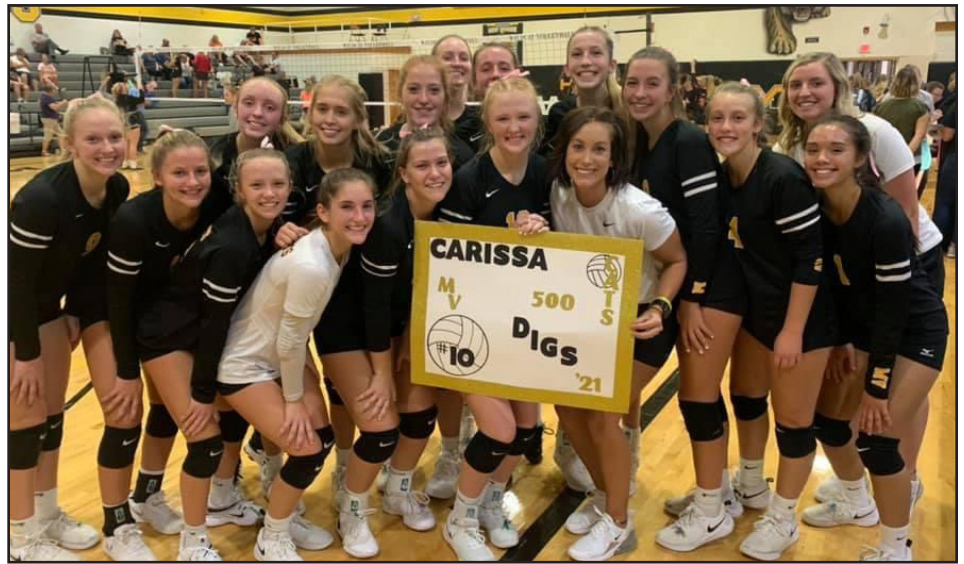
Sabers hits 500 digs mark

by Leah Ries

The Wildcats had a busy week on the volleyball court. Thursday night the team traveled to North Linn to take on the Lynx. The Cats dropped three tough sets (10-25, 15-25, 9-25). Leaders for the Wildcats include Carissa Sabers with seven kills, Kennedy Rausch with seven assists, Kylie Chesnut with two blocks, and Leah Ries with eight digs. As a team they served 91.2% on the night.

Saturday the girls traveled to the Denver Cyclones tournament. The Cats played the Denver Cyclones first and lost in two sets (9-21, 9-21). Next, was Tripoli and the Cats lost two close sets (17-21, 15-21). The Cats met up with the Starmont Stars again and lost two sets (22-24, 14-21). The team then met up with a tough Sumner-Fredericksburg team who came out on top (6-21, 8-21). The final opponent of the day was Beckman Catholic and the Blazers topped the Cats (7-21, 6-21).

Tuesday night the Wildcats wel-



comed the Springville Orioles to town. The tough Springville team won the night in three sets (10-25, 8-25, 10-25). Leading the Wildcats offensively was Chesnut with six kills and Rausch with thirteen assists. Chesnut also helped to lead the team on the

other side of the ball with four blocks and Lili Baures led with five digs on the night.

The Wildcats head into Thursday night with a 3-16 record to face the Alburnett Pirates. Results will be in next week's issue.

Wildcats finding their stride, state qualifying meet nears

by Chantel Crowley

On Saturday, September 27th, the MV Cross Country team competed in the Anamosa Invitational.

The JV girls' team did not have enough runners to score as a team, but Isabel Imler improved by 45 seconds in her personal best time. She placed 7th with a time of 22:43. McKenna Bush placed 42nd with a time of 27:35, Jordan Hogan placed 55th with a time of 29:09, and Allison Hogan placed 57th with a time of 29:37.

Coach Meehan commented on the varsity boys' team. "The boys team showed significant improvement. Their time spread between first and fifth man was reduced from over 2:30 to under 1:30. That is one of the keys to becoming a championship team. Another key is having good individual times. Six out of nine guys improved their personal best times. George Livingston improved by over a minute thirty seconds." Nolan Ries placed 10th with a time of 17:21, and Cy Huber placed 11th with a time of 17:26. Michael Schaul placed 22nd with a time of 18:00, and George Livingston placed 36th with a time of 18:40. Matthew Schaul placed 38th with a time of 18:42, Arion Rave placed 43rd with a time of 18:49, and Landin Frasher placed 89th with a time of 21:19.



For the JV boys' team, Caleb Livingston placed 19th with a time of 21:05, and Brady Eike placed 27th with a time of 21:31.

"The teams are improving at the right time for we only have two weeks of regular season meets remaining before we start the Championship meets of Conference, State Qualifying, and State Championship," says Coach Meehan.

The next meet was held on Tuesday, September 28th at Jesup. The varsity boys' team placed third overall. Huber placed 4th with a time of 17:05.2, and Ries behind him with a time of 17:05.8. Michael Schaul placed 16th with a time of 17:57.1, Livingston in 56th with a time of 18:46.5, Matthew Schaul in 60th with a time of



Freshmen McKenna Bush, left, and Matthew Schaul compete in Anamosa. (photos by Amy Ries)

18:52.8, and Rave in 98th with a time of 19:39.3.

For the JV girls' team, Imler placed 2nd out of the 142 runners with a time of 23:26.9. Bush placed 68th with a time of 27:06.5, and Jordan Hogan placed 86th with a time of 28:20.7, which was her season best time. Allison Hogan placed 106th with a time of 28:58.8.

For the JV boys' team, Toby Grimm placed 12th with a time of 20:05.7, Frasher placed 35th with a time of 21:07.7, Eike placed 44th with a time of 21:39.0, and Caleb Livingston placed 57th with a time of 22:14.7.

The next meet will be Tuesday, October 5th in Manchester.

Fine Artists of the Week

Name: Josie Teymer

You've been recognized for your outstanding work as a drum major. What have you enjoyed most about this position? I have enjoyed conducting and being in charge with Noah.

What kind of skills do you need to be successful at it? You have to have really good leadership skills and keep rhythm.

How does it make you see band differently? How cool the different formations look when up on a ladder.

What song will the crowd love the most this year for the marching band show? I think all of the songs but Avengers is my favorite.



Name: Brock Trenkamp

What role do you play in the musical? I play Donkey in the musical.

What's your favorite part of the show? My favorite part of the show is probably all the times I get to run around being loud and just annoying Shrek.

What's your favorite memory from rehearsals? I have a lot of favorite memories of just messing around during practice, but the best one is probably Noah and I trying to find the best name for Molly's dog for a whole entire practice.

If you could play any role in any musical, what would it be? I would probably be a character from the *Newsies* because they have a lot of fun music in that musical, and I feel like it would be fun to perform.



MV TEL-ALL

compiled by Paige Winter

On average, the life expectancy of a smoker is 10 years less than a non smoker

JO-JO'S CLOSET

by Josie Teymer

When It comes to fashion, everyone does it differently. So many styles and aesthetics to choose from exist. I believe that you should make fashion be whatever you want it to be. So, I thought that it would be fun to ask some students and a few teachers what their go-to outfit is.

Matthew Brehm: A black or white pair of Chuck Taylors, cuffed blue jeans, a versatile graphic tee, and a roller coaster belt or a leather belt depending on the vibe of the fit.

Claire Gray: My go-to outfit is a pair of holey jeans and a tighter-fitting shirt.

Zari Ambundo: My go-to outfit would be a pair of mom jeans, a graphic t-shirt, a belt, fun socks, and jewelry.

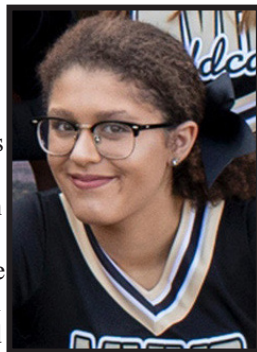
Jesús Rumbo: Comfort over style, most of

Athlete of the Week

Name: Tierra Morgan

What do you enjoy most about being part of the cheer team?

Definitely the girls on the team. Since starting practice in June I feel like I have become close with all of them in different ways and I love all of our relationships. They are truly the best team I could ask for!!



Why is having cheer important at MV? It brings more excitement and fun to football games.

What's your favorite cheer? Definitely 'defense attack attack.' I think it's a cheer that I go all out for and everyone loves when I do it. haha

What's something about cheer that others may not know? How close the team actually is with each other. We bring each other up and have so many laughs. I've never known what it feels like to have a sister and now I have 14 of them:)

the time. I prefer to go with some shorts and a presentable shirt. Perfect for an average school day.



Mr. Huegel: depends upon the situation/ scenario, but for leisure - shorts or sweats and a t-shirt.

Ms. Huber: My go-to outfit is patterned or fun colored pants (preferably flowy) with a solid white or black top and then a denim jacket on top.

Ms. Droeszler: A t-shirt dress, denim/jean jacket or lightweight cardigan, with sneakers would probably be my go-to outfit.

Cutie

by Matthew Brehm

This cutie lives outside Hopkinton, has dirty blond hair, and participates in band and golf. He also loves to fish and competes in fishing tournaments. This cutie is a sophomore.

Last week's Cutie was Izzy Heffernan.



Comedy Corner

—compiled by Paige Winter

If April showers bring May flowers, what do May flowers bring? Pilgrims.

How do you make 7 even? You take away the s.

What kind of cars do eggs drive? Yolkswagens.

Where do math teachers go on vacation? Times Square.

Why was the stadium so hot after the game? Because all the fans left.

Best Buds



Haley and Bianca Ronnebaum

by Amaya Hunt

It seems like you guys have always been super duper close... is that really the case? Or when did you two become best friends?

Haley: We have always been super close, but we became best friends when we were really little.

Bianka: We got really close when we were really little.

When you were young, what did you two like to do together?

Haley: We really loved to feed the calves together.

Bianka: What she said :)

Nowadays, what can you two commonly be found doing together?

What does your ideal day spent together look like?

Haley: Nowadays we mostly just milk cows together and then go on random food runs.

Bianka: You can find us milkin' the cows and doing other average life stuff.

What's your favorite quality about the other?

Haley: I really love how outgoing Bianca is.

Bianka: She's very confident in everything that she does!

What's your biggest pet peeve about the other? What bothers you the most?

Haley: When she burps!

Bianka: She always acts like she doesn't hear you or doesn't know what you're saying when in reality, she really does. She'll always say "huh?" right after.

What's a song that always makes you think of the other?

Haley: "Savage" by Megan Thee Stallion.

If the other could have one wish, what do you think that they would wish for & why?

Haley: She would probably wish that she could just show a steer.

Bianka: She'd probably wish that all her teeth would be real, hahaha!! :)

Where do you see the other person in 10 years or so? What kind of life do you think they'll have?

Haley: I think that she'll still be milking cows in 10 years. I don't see her really changing much :)

Bianka: I hope that she'll be a really rich doctor.

Abstractions

by Matthew Brehm

Fractals have fascinated me for years. Ever since reading about them in a book, I haven't been able to get the concept out of my head. Given my interest in them, I feel it's my duty to try to explain them to the uninitiated.



Fractals are a branch of geometry focused on perspective and are not very far removed from chaos theories of math. In short, they are patterns in shapes that, when zoomed in upon, repeat the same form over and over again. For example, a snowflake is a common fractal. It gets more and more complex the closer you look at it. Lewis Richardson discovered a fractal in the 1950s when trying to use the lengths of countries' coastlines in a computation. After looking at a variety of maps, he realized that every measurement of the length of Britain's coastline was different because each measurement had a different level of precision.

Everyone has their own struggles, traumas, and experiences that shape who they are and what they do. Everyone is a fractal in their own way, whether they want to admit it or not.

On a more abstract scale, I believe that most—if not all—things are fractals. If you look at any one thing closely enough, you will find that it holds much more than you see on the surface. Fractals happen to contain the essence of what I want this column to be.

One of the topics we recently discussed in Character Development and Leadership is the idea that everyone has much more going on under the surface than they show. Everyone has their own struggles, traumas, and experiences that shape who they are and what they do. Everyone is a fractal in their own way, whether they want to admit it or not.

I also like to apply the fractal concept to the origin of an object or institution. Something I remember hearing John Green say is that while individualist societies like to believe that success and creativity are the work of one person, they are really the product of every influence a person has ever received. A broad scope might say that Steve Jobs invented the iPhone, but a closer look would show that a lot of hard work from countless people ultimately led to its creation.

The next time you try to measure the coastline of Britain, zoom in a little closer. Look for the deltas, bays, inlets, and coves. There's always more to the story. Knowing that everything around us is infinitely complex somehow provides me with an ironic sense of closure.