

# SPECTRUM

Photo Credit: Vanessa J-H.

## *HIGHLIGHTS INCLUDE:*

- Winter Concerts*
- Senior Presentations*
- Athletic Updates*
- ...and more!*



# THE HIVE MAGAZINE

**Winter Edition**

**2022**

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Photos provided by: C. Haley, R. Peterson, and Grace K.



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## NHS at the Cool School Plunge

The National Honor Society participated in the Cool School Plunge for Special Olympics MN!

There were 17 NHS students from Spectrum that took the plunge and the entire NHS group raised over \$3500 for the cause. It was the 6th year that Spectrum's chapter of the NHS has participated in this event.

## Popcorn Payday becomes school tradition

If you are ever enter the high school building on a payday, be ready for the aroma of fresh popped popcorn to greet you!

In February of 2018, Spectrum Administration made an additional effort to show their appreciation for all that the staff does and to celebrate each payday. "Popcorn Payday!" was established and has become a tradition beloved by teachers and staff. This is made possible each payday by school volunteers who donate their time to prepare the popcorn and place bags of popcorn in the staff lounge of each Spectrum building. Spectrum wishes to thank all of its dedicated volunteers that do countless acts around the school and who make "Popcorn Payday" a reality for the staff.



Parent volunteer, Angie Koncsol, shown preparing bags of popcorn to celebrate Spectrum teachers and staff by giving them a treat on the same day as payday, "popcorn payday", that has become so popular and anticipated by staff and volunteers alike.



# WINTER CONCERTS 2021

## Spectrum Band & Choir return to live performances!

Photo credit: G. Knapp & V. Jasso-Hernandez

The anticipation for the fine arts performances was especially high this year. For the first time in two years, the band and choir programs at Spectrum were able to perform LIVE concerts! Although grateful to have been able to put together virtual performances during distance learning, there is nothing quite like live music.

The 6-12 Band Fine Arts Concert took place on Friday, December 3rd. Directed by Mrs. Samantha Paillin and Mrs. Jean McGorry, the 6-12 bands performed a variety of music ranging from holiday songs to traditional band-style pieces including fanfares, folk songs, and chorales. The concert included pieces such as *Mechanical Monsters* by Randall D. Standridge, *Sleigh Ride* by Mike Story, *Feeling Good* by Rick Stitzel, *A Cartoon Christmas* by Michael Story, *The Legend of Greensleeves* by John Prescott, and many more!

The Spectrum High School Jazz Band made history by having their first ever jazz vocalist perform (Gwen Lee, Grade 12), singing "Respect" originally sung by the ever so talented, Aretha Franklin. Gwen and the Jazz Band's superior performance resulted in a standing ovation from the audience. It is a night the band will always remember.

Next, the Choral Fine Arts Concert took place on Friday, December 10th.



Mrs. Paillin directs a group of middle school students during their return to live performances!



Gwen Lee and the Spectrum Jazz Band performed "Respect" and received a standing ovation.

"For the first time in two years, the band and choir programs at Spectrum were able to perform **LIVE** concerts!"



Harmenix took the spotlight, front and center, during their dance line.

Choral Fine Arts ended with a holiday sing-along. The audience was led by over 160 choir students in many classic songs of the season. It was a great way to celebrate being together again for a live in-person concert.

The Winter Fine Arts performances are available for viewing on the [Spectrum YouTube page](#). The Spring Fine Arts Concerts will take place on Friday, May 6th (band) and Friday, May 20th (choir), beginning at 7:00 p.m.

Directed by Mrs. Mikayla Bird, the choirs performed a variety of holiday music to celebrate the season. The concert included pieces such as *Somewhere in My Memory (Home Alone)*, *I'll Be Home for Christmas*, *Jingle Bell Rock*, *Blue Christmas*, *Grinch*, and so many more! The pieces featured choreography, numerous soloists, and even a guest performance by Mr. Jason Ruzek, a science teacher at Spectrum.

Mrs. Bird was absent for 8 weeks of the semester on maternity leave. In her absence, Mrs. Sundberg, who is also the accompanist for the choirs, stepped in as the full-time substitute. She played a huge role in the teaching and learning of the choral music in preparation for the concert. Without Mrs. Sundberg, the concert would not have been possible!



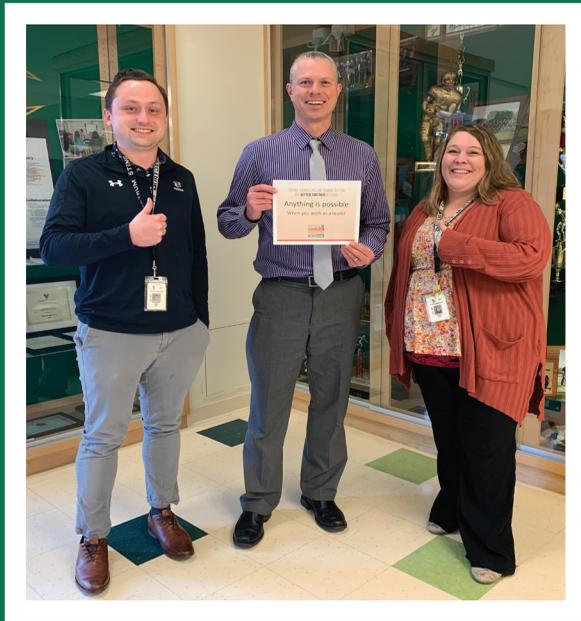
The womens' ensemble, MeLadies, incorporated song and dance into their segment of the winter choir concert.



**Mark your calendar:**

**May 6 - Spring Band Concert**  
**May 20- Spring Choir Concert**

# National School Counseling Week!



Mr. Mayes, Mr. Leland, and Mrs. Kobes celebrate National School Counseling Week

Recently, our school counselors celebrated National School Counseling Week. The theme this year was "Better Together".

To celebrate, the school counselors took a photo with some of the important people with whom they collaborate. Here's what they had to say:

*"School counselors and teachers are better together because we all want to see students succeed." Teachers*

*"School counselors and administrators are better together because anything is possible when you work as a team." Administration*

*"School counselors and other school-based mental health professionals are better together because collaboration is key to helping students succeed." Student Support Staff*

## Student Support Services Department

Spectrum's Student Support Services Department is a key component of the school's multi-tiered support system for students. The Student Support Services team works to address the academic, career, and social needs of students, which can be different at each developmental level.

In order to meet the needs of students, Spectrum utilizes the skill set of two school counselors and one student support specialist. Blake Mayes, who has been employed at Spectrum since January 2020, serves as the lead school counselor, 11th and 12th grade counselor, and master scheduler. Both Stephanie Kobes and Austin LeBrun joined Spectrum in fall 2021. Mrs. Kobes is the 9th and 10th grade school counselor and provides counseling support to middle school students, when needed. Mr. LeBrun works with middle school students in his role as student support specialist; he is also the District Assessment Coordinator and provides marketing support for the school.



Mr. Austin LeBrun  
Student Support  
Specialist  
&  
District Assessment  
Coordinator



Mrs. Stephanie Kobes  
School Counselor  
Grades 9/10  
Spectrum High School



Mr. Blake Mayes  
School Counselor  
Grades 11-12  
Spectrum High School

### Belief Statement:

Spectrum High School Counseling Department staff members believe and support:

The Mission and Vision of Spectrum High School.

Every student is a unique individual and will be supported as such.

Every student can succeed.

Being an integral part of each student's education.

Maintaining an open door policy to meet the needs of students as they arise.



Mr. LeBrun & Mr. Mayes



A Spectrum student and volunteer shake hands during their mock interview



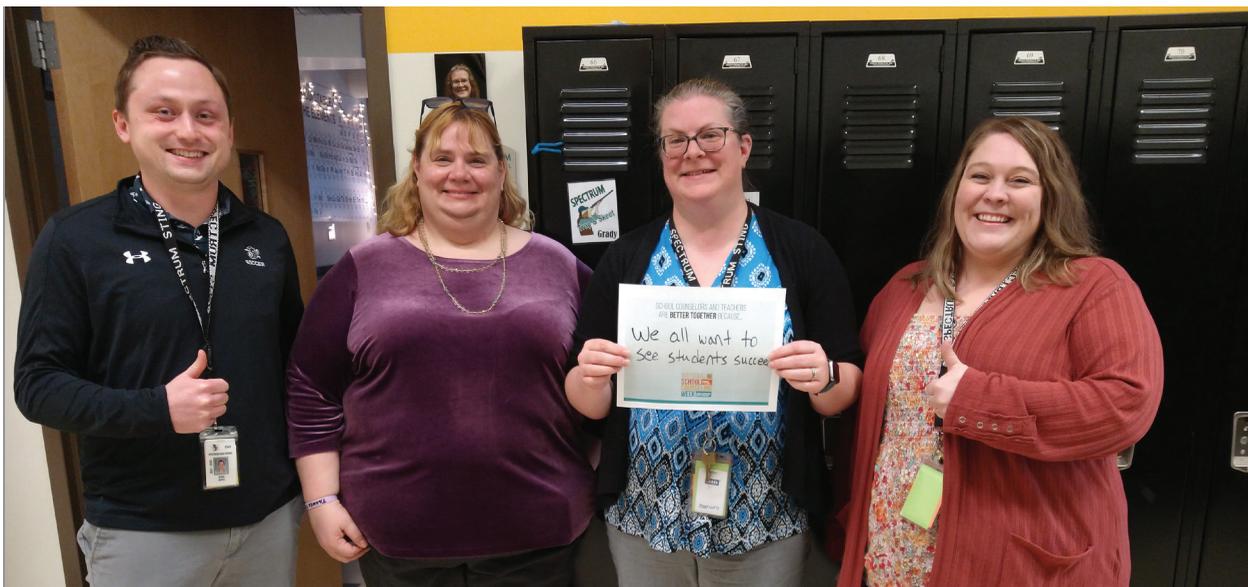
Grade 6 student learning study strategies.

Because the needs of each individual student and their developmental levels are different, support may look different from middle school to high school. In middle school, students may need more support as they navigate the complexities of the confusing pre-teen years when many are trying to figure out exactly how they fit into the world as an individual. As students move through high school, students are continuing to clarify who they are and how they interact with the world around them. High school students often are exploring their post-secondary options and are beginning to think about their future as adults.

To ensure that the needs of all students are being met as much as possible, the department sent out a Student Needs Assessment to all students, grades 6-12. This survey helps the team make a plan on how to best support students and their unique needs. Various school and personal topics are addressed, including organizational support, study tips, coping strategies, and anxiety. It is a best practice of support staff to work to identify student needs individually, across different groups within the school, and with the student body at-large, so time and efforts can be directed appropriately.

So far this year, the Student Support Services Department has provided academic and emotional support, on-boarded new students, collaborated with teachers and other support staff, worked with students to make post-secondary plans, helped with different student organizations at each building, and assisted with a litany of other tasks with the end goal of supporting each and every student that is a part of the Spectrum community.

In the spring, families and students can anticipate receiving the annual Climate Survey, which includes questions about the Student Support Services Department, as it continues to self-evaluate and adjust to the needs of the Spectrum community.



Teachers and counselors agree, "We all want to see students succeed." (L-R: Mrs. Mayes, Mrs. Hewitt, Mrs. Mollet, Mrs. Kobes.)

# Spectrum's Lottery & ENROLLMENT

Each year Spectrum High School & Middle School conducts its Annual Enrollment Lottery on February 15th for the next school year. The past few years Spectrum has had just shy of 200 applications for enrollment at the time of the Enrollment Lottery. To be included in the Enrollment Lottery, applications must be received by January 31st. Applications received after that date go to the bottom of the application list in the order they are received. Enrollment preference is given to siblings of current students and children of staff.

Spectrum has been averaging over 300 applications each year. That's impressive! With over 200 new students each school year. WOW! Enrollment at Spectrum has been on the rise with over 820 students enrolled this school year.

Families are drawn to Spectrum's smaller community and excellent education, while still getting a number of extracurricular options. High School students are especially drawn to Spectrum's C@SH classes.

Families interested in Spectrum 2022-2023 enrollment can still submit an application as it's not too late to be a part of the Spectrum Sting family. [Click here for the Spectrum Application.](#) Take a look around our website to learn more about Spectrum. Need more information? Contact our Registrar via email at [admissions@spectrumhighschool.org](mailto:admissions@spectrumhighschool.org) or call (763)-241-8703. Come be a part of the Spectrum Sting!



## New SPECTRUM STAFF 2021-2022



Jennifer Conard  
MS Phy Ed  
Teacher



Timothy Feia,  
MS Long Term Sub  
Social Studies 7/8



Kirsten Presley  
MS Language Arts  
Teacher

# Spectrum SOCIAL MEDIA



## What:

Spectrum is growing our Facebook, Twitter, Instagram, & YouTube channels.

## Why:

- Celebrate our students
- Keep parents, students, community, and alumni in the loop on what is happening at our schools
- Promote events and share information like concerts, no school, or fundraiser reminders
- Build an ongoing conversation of the positive impact our school is making in the lives of our students!

## What do I need to do?

- If you are on these social media sites – follow us!
- Help promote the pages to your family and friends.
- If you aren't on these sites, please consider joining.

*Note: The school will continue to provide communication through traditional channels.*



# Spectrum Additions!



Bowen Seth Mills - born Saturday night, December 4th, 2021.

(8 lbs 9 oz, 21 inches long)

Mr. Mills' girls are super pumped for their baby brother!

Both mom and baby Bowen are doing really well.

# Spectrum Principal Blogs



**Mark Leland**  
High School Principal



**Greg Heinecke**  
Middle School Principal

Spectrum has bi-weekly communication from both principals that can be found on the Spectrum website!

Spectrum continues to improve its communications to ensure students, parents, and staff have access to accurate and timely information regarding all of the exciting events and happenings throughout the school. Spectrum is blessed to have two seasoned communicators at the helm of both the middle and high school programs. In the 2019-2020 school year, the HIVE officially became a quarterly magazine to reach a broader audience. At the same time, both schools implemented bi-weekly Principal Blogs. All Spectrum families receive an email when the blogs have been updated. Information on subscribing to the blog(s) can be found on the Spectrum website at <https://www.spectrumhighschool.org/schools/high-school/blog/subscribe> (high school), and <https://www.spectrumhighschool.org/schools/grades-7-8/blog/subscribe> (middle school).



# Theatre announces Spring Production: Willy Wonka

Spectrum High School’s theater program is back on stage once again, this time presenting their most whimsical and scumdiillyumptious musical yet: *Willy Wonka!* Currently, the cast is in the middle of preparing to bring the delightful story to life.

The long process began with three days of auditions back in late January. Nerves and excitement ran extremely high in the cast as this is the first production they have been able to put on since *Murder on the 518* last spring. After many long hours of deliberating, director Mrs. Stelten finally was able to put out the cast list, and it is safe to say that each and every role is filled by an incredibly talented and well-suited young actor. Once the students were assigned their part, they got down to business perfecting their lines and vocal solos. Currently, rehearsal is held almost every day after school in an effort to give the future audience the best show possible!

Spectrum’s theater program hopes that *you* will be a part of that future audience as no one is going to want to miss this production full of the classic characters known and loved from the original story, including the adorable Charlie Bucket, eccentric Willy Wonka, spoiled Veruca Salt, and more. Audience members may even recognize some of the songs from the original 1971 film!

Catch *Willy Wonka* on April 1st, 2nd, and 3rd!

## School Board - OVERVIEW



A school system can be complicated and challenging to govern. The School Board exists to oversee the activities of the school so students can have the best possible experience and outcomes. Among other things, this includes working with the Executive Director on strategic planning and budgeting, establishing important policies and monitoring implementation, and providing oversight of the Executive Director’s role.

Spectrum School Board meetings are held (at least) monthly on Thursday evenings and utilize Minnesota Open Meeting Law and Roberts Rules of Order to complete their business. The Board is made up of three parents of Spectrum students, two teachers employed at Spectrum, and two community members. The Executive Director serves in an ex-officio capacity.

As elected officials serving the school population, it is important to the Board that Spectrum staff and families remain informed about decisions that impact them. Moving forward, this section of the HIVE will be dedicated to updating the school population on the work of the Board. Approved minutes of all Board meetings are posted on the school website [here](#).

# November -

## School Board Update

The Board received a proposal on 2022 Employee Health Benefits that renew on January 1<sup>st</sup>. Based on bids received, the Board approved moving from Health Partners to Preferred One at an overall increase of 6.4%. Additional cost savings (lowering deductibles) are available to employees choosing the Super Tier plan.

The Board received a report that Spectrum is proceeding with a boys' hockey program as discussed with the Board in 2019. Mr. Chad Peterson has been hired as the Hockey Coordinator to get the program off the ground.

The Board reviewed and received the 2020-2021 Audit Report from Clifton Larson Allen, LLP (CLA). CLA issued a "clean" audit report, which is the best rating available. No "material weakness" in internal control was reported. No compliance issues were noted in the review of laws, regulations, contracts, grant agreements, or other matters that could have significant financial implications to the School. No compliance findings were reported with respect to Minnesota Statutes related to charter schools and UFARS. The full audit report is available on Spectrum's website [here](#).

The Board received an update on progress toward application to become an approved online provider through the Minnesota Department of Education (MDE). Administration met with current C@SH teachers to gauge plans for proceeding with the 2022-2023 online learning program, which will be offered only to Spectrum C@SH students at this time. The application to MDE is on track, which will be followed by four administrative training sessions with MDE this winter/spring.

# December -

## School Board Update

The Board received a report from the Executive Director on the following matters:

- Spectrum will be postponing Service Learning for the remainder of this school year. In doing so, the Board approved an adjustment to overall high school credit requirements.
- Spectrum has a number of outside service providers working with students on campus and online to provide outside mental health consulting. Those include Vanda Counseling, David Hoy and Associates, ReGroup Counseling and Consulting, and Greater Minnesota Family Services.

Jill Johnson, Spectrum's Coordinator of Curriculum and Instruction, presented the Spectrum Student Profile/Competencies document, which establishes a framework for essential skills and attributes expected of every graduate from Spectrum. The profile was sent out to all teaching staff and families for feedback. The Board approved the profile later in the meeting.

# January -

## School Board Update

The Board received a report from the Board Development Team outlining the upcoming open positions and current candidates running for the respective seats. The School Board election will be held on April 4, 2022. There will be one teacher position, two parent positions, and one community member position open.

The Board received an update on progress related to the Online Learning Program.

- Spectrum is part of a cohort of around 40 other school districts currently applying to become approved online learning providers through MDE.
- The course registration process for the 2022-2023 school year will begin in March where students will have the opportunity to indicate whether they prefer to take each C@SH course online or in person. Registration responses will help to determine the number of sections that will be offered online or in-person.

The Board received a Fundraising Summary

- The Board accepted a summary report of gifts and donations from July through December 2021 in the amount of \$3,758.19. The Board anticipates receiving this report on a bi-annual basis moving forward.
- The Board reviewed a gifts and donations summary for Friends of Spectrum, Inc. (a separate non-profit whose purpose is to raise funds in support of Spectrum Middle School and Spectrum High School) for informational purposes. The report presented was from July 1, 2021 through December 31, 2021 in the amount of \$16,634.02.
- The Board amended the school's Fundraising Policy.

The Board received, reviewed, and approved a new Video Surveillance Policy. The policy calls out specifically who has access to the surveillance information and what specific steps are needed in order to gain access. The purpose of the policy is to promote a safe environment by deterring conduct that violates the law, and/or school rules and policies; to record images for future identification of individuals in the event of violations of law, and/or school rules or policies; to aid in search of lost or missing people; and to assist emergency services personnel.

# February-

## School Board Update

Ms. Sorenson, Spectrum's Executive Administrative Assistant, provided the Board with a brief update on the steps for the Executive Director review. The process includes updates on the Executive Director's goals, all direct report feedback, and feedback from individual board members. A closed meeting for the purpose of the review is scheduled for March 24, 2022.

The Board received and approved the FY22 Mid-Year Revised Long Range Budget. As recommended by the Finance Committee and presented by Ms. Merrill-Myhre from BerganKDV.

Mr. DeBruyn and Jill Johnson, Spectrum's Coordinator of Curriculum and Instruction, provided a brief update on the work being done on the Strategic Planning Goals and Objectives 2026 as they relate to curriculum and instruction. Specifically,

Ms. Johnson noted that many of the goals are tied together. For example, Life Skills training is best achieved through the college and career readiness (CCR) classes at the high school. As a result, work is being done to align the curriculum for these classes, both vertically and horizontally.

Ms. Johnson reported on Spectrum’s Service Learning/Community Outreach Program and the revisions being implemented. The program is in the process of being re-worked and will begin again in the fall of FY23.

The Board received an update on the work of the School Improvement Team/World’s Best Workforce Committee from February 15, 2022. The committee reviewed the Strategic Plan 2026 goals and objectives; received an update on progress on the respective areas; and reviewed the parent, middle school and high school student, and staff climate survey questions prior to them being disseminated in March.

The Board reviewed a letter from Spectrum’s authorizer, Volunteers of America, indicating support for Spectrum’s online learning program application. In addition, the Board approved a resolution to “officially” move the program ahead for fall 2022.

The Board received a report from the Executive Director on the parcel of land located to the west of the high school building that could be used for additional parking or a recreational field and gave approval to proceed. The current owner is interested in moving forward with donating the land to the school and wants to retain the right to construct a digital billboard on the land, for which an access road will be needed. The cost for putting in the access road and construction of the digital billboard will be covered by the current owner and will be detailed within the donation agreement. The Board approved proceeding with the land appraisal at this time.

The Board approved 2022-2023 school calendar key dates necessary to proceed with the student course registration process through Infinite Campus. The final and complete calendar will be submitted for approval in the spring of 2022. Dates approved included Monday, August 29 – Friday, January 13, 2023 (1<sup>st</sup> semester) and Wednesday, January 18 – Friday, May 26, 2023 (2<sup>nd</sup> semester).



## Spectrum Recognized as “The Best Charter School”

In December of 2021, Spectrum was awarded the best charter school in the readership area for the Star News (Elk River, Otsego, and Zimmerman). Spectrum thanks its families, students, staff, and the community for voting us “the best” once again. We recognize with humility that a school is only as good as its people – and Spectrum’s people are the best!

# SPECTRUM ATHLETICS

## UPDATE

### Winter Athletics Recap

The Winter sports season at Spectrum was marked with honors, records, and recognition. Combining middle and high school; Spectrum sponsored 10 basketball teams, four wrestling teams, two alpine ski teams, and a dance team. A record 152 student-athletes participated in winter athletics.

Among individual accomplishments; Carli Elrod set an all-time scoring record for girls' basketball surpassing the 1,000-point barrier on her way to a career record of 1293.

All Conference honors were awarded to the following student-athletes:

#### Alpine Ski

Sophie Brenteson  
Garrett Peterson

#### Girls Basketball:

Carli Elrod  
Molly Novotny  
Morgan Alders

#### Boys Basketball:

Titus Skistad  
Carter Femrite  
Landon Siegel



Sophomore Sophie B. racing in Alpine Skiing.



Carli E. and team celebrate her achieving the all-time score title.



Senior captain Tim Erickson on his way to a win by pin.



Landon S. shown driving to the basket.



The dance team after competing in a meet hosted at Spectrum.

#### EXCEL (verb):

*"Be exceptionally good at or proficient in an activity or subject."*

*\*Source: Lexio U.S. Dictionary*

The girls' and boys' basketball teams each won conference championships and earned the opportunity to host section playoff games. This continues the record setting streak set by Spectrum athletic teams to be awarded first round section contests in 2021-22.

EXCEL not only describes the student-athletes and teams, but also the dedicated coaches who do such a great job to help their teams integrate competition with academics, sportsmanship, and positive values. Way to go, Spectrum Sting!

Photos provided by R. Peterson



# SPECTRUM ATHLETICS

## UPDATE

### *Spectrum to Launch Boys Hockey*

One of the state's oldest sports will now become one of the newest at Spectrum with the addition of a boy's hockey program in 2022-23. "This has been three years in the making," said Activities Director Rick Peterson. "Our surveys have always returned with very favorable interest to add hockey."

The process to start a new boy's hockey team began with informational meetings some time ago, which led to a summer hockey camp attended by 24 participants. "The camp was a major turning point, which showed just how strong the interest was," said Peterson.

The most recent development was the naming of a coach, Chad Peterson. Chad has a strong background in coaching at all levels, plus he owned a dry-land hockey training facility. He helped to turn the information sessions into organizational meetings.

The team anticipates entering the 2022-23 season at the junior varsity (JV) level with practices being held after school at the Elk River indoor arena. "You just never know," said Peterson.

"If hockey takes off like other sports have at Spectrum, we anticipate being at the varsity level within a year."

Likely to soon follow will be a girl's hockey program. "We haven't had quite as much interest in hockey among the girls; however, we expect that will change once the boy's team gets on the ice."

An Open Hockey Day event was held on February 12th at the Spectrum outdoor rink. Despite below-zero temps, over 20 boys showed up to participate in some pick-up games and get acquainted with others who have an interest in the sport.

"We live in a hockey hotbed," said Peterson. "We are definitely looking for more boys who have an interest in playing hockey for their school. We are open to co-op with other schools and are planning another hockey camp this summer, which will serve as the final launch-point to start the team next winter." For more information on Spectrum's hockey program, please contact Activities Director Rick Peterson at [rpeterson@spectrumhighschool.org](mailto:rpeterson@spectrumhighschool.org).



# SPECTRUM **Extra** CURRICULARS



**Spectrum offers multiple clubs throughout the school year**

Mr. Ruzek and his MS Quiz Bowl team are shown above during one of their sessions.

## MIDDLE SCHOOL CHESS CLUB

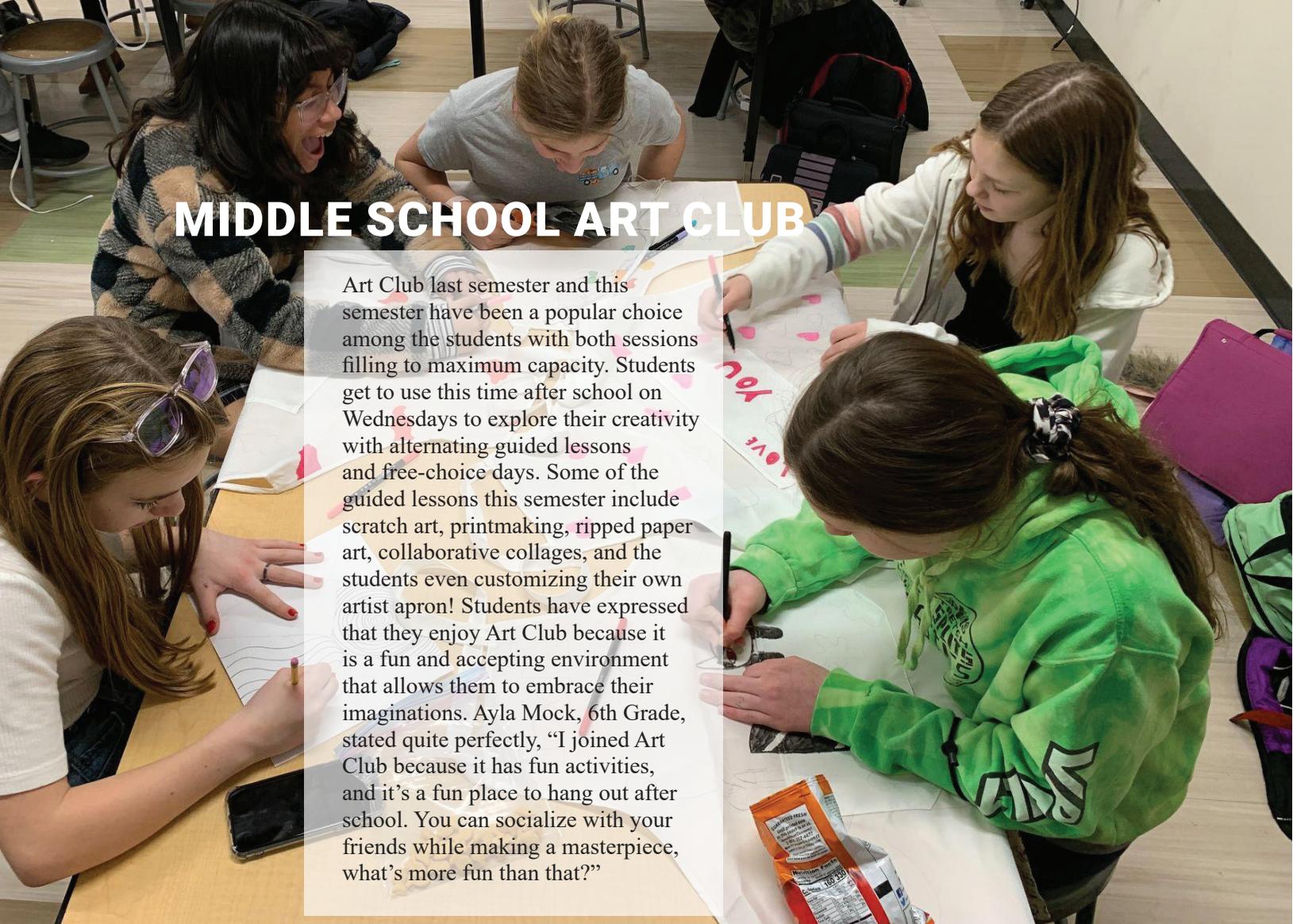


The Spectrum Middle School Chess Club met during the first semester for ten sessions. Student interest was high, and approximately twenty students attended regularly. Participants in the Chess Club arrived with varying skill levels, so the focus was on the rules of chess. In addition, the students learned about two moves that most people don't use often. The first one was *Castling*, which is the only time in chess that two pieces can move at once, and the only time a piece other than the knight can move over another piece. The second move was *En Passant*, where a person moves their pawn diagonally to an adjacent square, one rank farther from where it had been, on the same file, and where the enemy's pawn is, and remove the opponent's pawn from the board. This is how a pawn captures *en passant*. To make things challenging and competitive, championship brackets were created. Mr. Brunt played the students competitively, winning approximately half the matches. The talent in the room was astonishing, but more importantly, students learned to play a classic game and, in the process, created lasting friendships.



*2021-2022 Extra Curriculars include:*

- *Science & Engineering Club*
- *Art Club*
- *Chess Club*
- *History Club*
- *Quiz Bowl*
- *Prom Committee*
- *Theatre*
- *Student Council*
- *National Junior Honor Society*
- *National Honor Society*
- *AND MORE!*



## MIDDLE SCHOOL ART CLUB

Art Club last semester and this semester have been a popular choice among the students with both sessions filling to maximum capacity. Students get to use this time after school on Wednesdays to explore their creativity with alternating guided lessons and free-choice days. Some of the guided lessons this semester include scratch art, printmaking, ripped paper art, collaborative collages, and the students even customizing their own artist apron! Students have expressed that they enjoy Art Club because it is a fun and accepting environment that allows them to embrace their imaginations. Ayla Mock, 6th Grade, stated quite perfectly, “I joined Art Club because it has fun activities, and it’s a fun place to hang out after school. You can socialize with your friends while making a masterpiece, what’s more fun than that?”

(Left to right, clockwise) Harper J. (6th), Gabriela F.(7th), Bella T. (6th), Ayla M. (6th), Anastasia S.(6th) - Shown making custom artist aprons

## HIGH SCHOOL SCIENCE & ENGINEERING CLUB

The Spectrum High School Science & Engineering Club made its debut 2nd quarter. This club is an open discussion of research-based topics and ideas in the field beyond what is explored in the classroom. Students share their found knowledge and interests with others sparking intellectual conversation and debate. Some of the topics explored include: Infinite Series and Sigma Notation, Sea Crabs and Neurotoxins, Crispr-Cas 9, Orbital Mechanics, Theoretical Principles of Fusion Propulsion, and many others.

***“I enjoyed it and learned a bunch of new things. I am going to join again.” - Cara Scott, Grade 10***

When asked about the club Cara Scott said, “I enjoyed it and learned a bunch of new things. I am going to join again.”

# SPECTRUM HIGH SCHOOL

## C@SH Course Highlights

Spectrum’s C@SH (College @ Spectrum High) highlights focus on some of the course offerings within its concurrent enrollment program, Spectrum’s highly qualified instructors who teach these courses, and the university affiliates. Check out the information below to learn more about current happenings within this unique program at Spectrum.

### C@SH Principles of Microeconomics

*(Offered in partnership with the University of Minnesota)*

The *Principles of Microeconomics* course and textbook is centered on seven core economic principles: scarcity, cost-benefit, incentive, comparative advantage, increasing opportunity cost, efficiency, and equilibrium. The study of economics is the process of understanding and analyzing individual and group choices. The daily decisions of individuals, businesses, special organizations, and government collectively create societal goals. The goal in this course is to begin to understand how these daily decisions are arrived at and how to continue to make choices that enhance and reflect specific goals. This spring, C@SH Econ students will explore timely issues society is confronting through a Mock Trial project that will give them the experience of formally analyzing, arguing, defending, and assessing the different perspectives of these issues.



Mr. Chris Hyde  
Spectrum High School  
Social Studies Teacher

### C@SH Intro to Statistics

*(Offered in partnership with Anoka Ramsey Community College)*



Ms. Sheri Pickar  
Spectrum High School  
Math Teacher

Anoka Ramsey’s Math 1114, known to Spectrum students as *C@SH Introduction to Statistics*, is a course where students:

- use data to summarize data
- create graphical diagrams using the summaries
- make conclusions about the data
- demonstrate whether there is something “unusual” about the data or if it demonstrates normal characteristics about a large population.

Students start with technology, in the form of Google sheets and graphing calculators, to represent the data in different ways.

Eventually, they use inference to decide if hypotheses will be rejected because there was enough difference in the data from normal. In the real world, this type of statistical analysis is used regularly to support claims by manufacturers, educators, medical professionals, and engineers.

Anyone can use statistics in their life to make judgments about what they observe, but most students who take this course will go on to earn their Bachelor of Arts or Science degree(s) in a medical, scientific, engineering, or business career for which this course would be required.

College Prep

### Key Components of Spectrum’s C@SH program:

- All courses necessary to earn an AA degree while remaining on the Spectrum High School campus.
- 25 C@SH courses
- Taught by 10 credentialed teachers
- 3 AP courses
- 4 partner colleges: Anoka-Ramsey Community College, Pine Technical and Community College, University of Minnesota-Twin Cities, and Central Lakes College

# Visiting The Future: College Campus Tour 2022



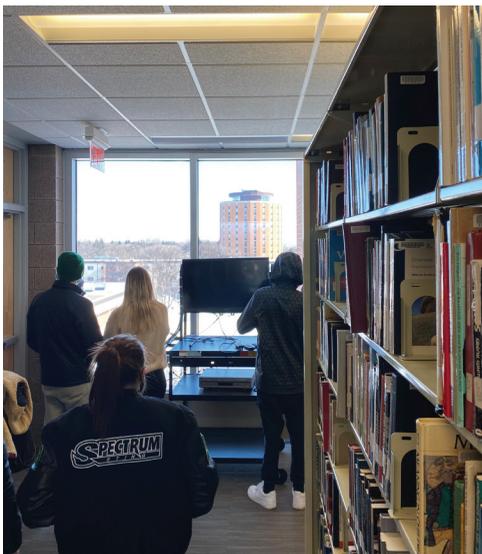
Photos provided by Mrs. Mehrer

On Thursday, February 24, 2022 at 6:45am, forty-seven Spectrum high school students and two staff members boarded a Voigt's coach bus to the Fargo/Moorhead area. They visited Minnesota State Community and Technical College - Moorhead, Minnesota State University - Moorhead, Concordia College - Moorhead, and North Dakota State University. The three hour ride north was uneventful, and upon arrival, the walking began – four hours of walking, to be exact! At each stop, students exited the bus, filed into a room, filled out a few forms, divided into groups, followed the guides around campus, and then returned to the bus to head to the next destination on the tour.

The first stop was Minnesota State Community and Technical College - Moorhead where students got to see first-hand the classrooms, labs, trade, and industrial instruction areas. They observed full body patient simulators, electrical and plumbing labs, small engines, the *Kenworth Diesel Equipment* training center, and available student services, such as an onsite gymnasium.



A lecture hall at NDSU was the location to prepare the Sting for the tour of the college.



Students tour the library with a window overlook of campus.

Minnesota State University - Moorhead was next where students got to experience lunch in the dining hall and where they learned how to navigate through a variety of dining options; plus, they learned how to find utensils and beverages, and how to bus their own tables. Tour guides then lead the group around the various portions of the campus all while pointing out the buildings of a particular course of study, places to hangout, workout, and study. Students even got a glimpse of one of the dorm rooms available on campus.

From there, everyone headed to Concordia College - Moorhead where they were once again shown the ins-and-outs of campus life. They saw where students ate, slept, learned, and played. Admittedly, the distinction between what each campus offered, at times, became a bit blurred, but overall, the impact of what each campus had to offer was valuable.

The final destination landed the group in North Dakota at North Dakota State University. With eager guides, students' wealth of experience and knowledge continued to grow. Even though some fatigue had set in at this



MSUM tour guide leads a group of Spectrum students through a community area of one of the buildings.

point, the student enthusiasm remained palpable as they loaded the bus to head for home.

The purpose of the college visit trip was to allow students the opportunity to visit college campuses. It is the intention of the trip for students to see and experience a community technical college, a private college, a state college, and an out-of-state college, if possible. The first College Campus Tour Trip in 2019 was to the Duluth area, and in 2023, it is planned to visit the southern region of the state.

Spectrum students continue to raise the bar of expectation. To start, students were informed that the bus would leave promptly at 6:45 am and that they needed to arrive in time to take a roll call prior to loading the bus. When the trip coordinator arrived at 6:30 am, most of the students were already in the parking lot – 15 minutes early! Likewise, whether a lunch or dinner stop, students were offered various dining options complete with instructions to return

promptly at a specific time. It should come as no surprise, but every last student was consistent in their attendance and easily accounted for the entire trip. Spectrum’s College Campus Tour Trip 2022 was a huge success due in large part to the professionalism consistently displayed by its students. Way to go, Spectrum students!



Several students get a tour of the automechanics shop at Minnesota State Community and Technical College - Moorhead.

# Senior Capstone 2022



The Senior Class of 2022 wrapped up their final Senior Capstone presentations in early January, impressing the judges and their community partners with their hard work. This year’s seniors connected with a community organization of their choice in which they created an awareness campaign and drive or volunteered hours. A variety of organizations were selected as beneficiaries including animal rescues, hospitals, nursing homes, homeless organizations, veteran organizations, health-related organizations, mental health organizations, and many more. Seniors first had an interview with the organization in which they found out more about the organization’s needs for awareness and assistance. From there, seniors hit the ground running by creating either a brochure, a commercial, or a social media awareness campaign in combination with either volunteer hours or a supply drive. The culminating project was their presentation in which they talked to a group of community judges about the impact of their work and the importance of their cause. Multiple seniors spoke of their gratitude for the experience that they were able to have through the planning and execution of their very own community service, and many have plans to continue working towards their cause in the future. As senior Jett Johnson shared, “I wouldn’t have ever thought that I could accomplish such great things and learn from such a big experience as a senior in high school. It was a really cool thing, and yeah it’s hard, but it’s so worth it.”



Ashlyn D, Allie L, Ms. Genise, Alexis I, Maddy M, Aby R, Ethan E, Tim E

Photos provided by Ms. Sheri Pickar

The week of January 24, 2022, kicked off Spectrum's WinterFest! It was a full week of activities, sporting events, and of course, the WinterFest coronation. The week's dress-up days included:

- Pajama Day
- Initial Day
- We Wear Pink on Wednesday
- College or Career Day; and
- School Spirit Day!

# Winter Fest 2022

On Friday of that week, Spectrum's Student Council held a pep fest in the high school gym to cheer on the winter sports teams. Students played a myriad of different games, including musical chairs and a tug of war. Just prior to the games, the WinterFest coronation took place. Chosen for this years court were freshmen *Sarah Smith* and *Holden Dvorak*; sophomores *Lucy Hanson* and *Addan Schmidt*; juniors *Grace Beck* and *Matthew Burquest*; and the nominees for senior royalty were *Edu Alloza Colomer* and *Zoie Schafer*, *Ethan Evans* and *Brooke Swaja*, *Tyler Murset* and *Keely Duell*, *Cayetana Murset* and *Matthew Castle*, and *Jessica White* and *Chris Rizner*. Following a close vote, Homecoming king and queen *Max Reis* and *Rachel Schlueter* crowned *Ethan Evans* and *Brook Swaja* as 2022 WinterFest king and queen! Congratulations to all of the students chosen for the court.



Photo prov

Keilana S, Luke M

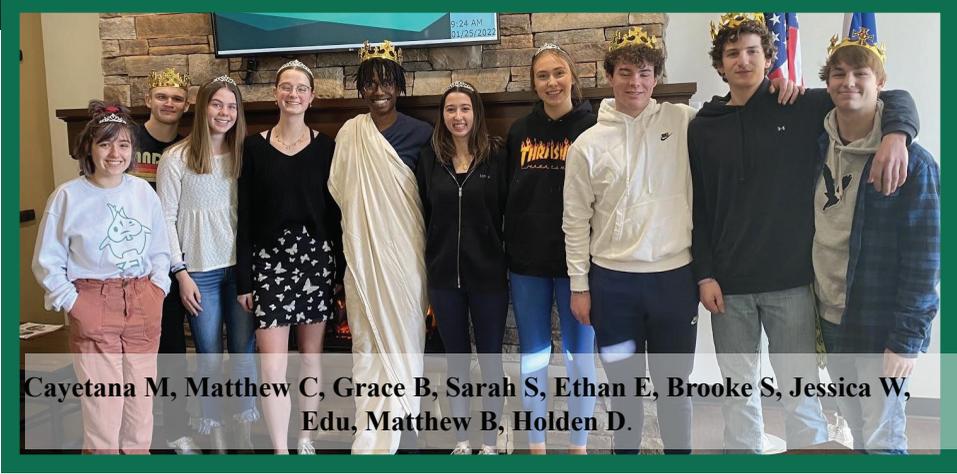


Kiera A, Chloe D, Natalie F, Sydney M, Caiden T, Rachel S, Katlyn S, Lillian M, Skylar M, Ella S, Alexis I, Molly N, Mrs. Pickar



Jessica W, Leah S, Zoe S, Brooke L, Sophia S, and Nina A

WinterFest week concluded with the winter semi-formal dance that took place on Saturday and was sponsored by Spectrum's National Honor Society. The theme for the dance was *glow-in-the-dark*. As the students arrived for the dance they were each given a glow stick. To add emphasis and fun, black lights were set up in the gym. Under the lights, the glow sticks and brightly colored clothing worn by the students really stood out, making the whole evening a magical experience!



Cayetana M, Matthew C, Grace B, Sarah S, Ethan E, Brooke S, Jessica W, Edu, Matthew B, Holden D.



# SPECTRUM MIDDLE SCHOOL



Global Studies guest speaker, Mrs. Aide Hernandez-Diaz, answering questions from students about Mexican culture and cuisine.

Photos provided by: C. Haley, Bella Z.

## WinterFest success leads to lasting memories!

The Middle School Student Council made sure their classmates had a memorable WinterFest week and break in the long winter months. Each day they provided a dress-up theme; Monday – PJ day, Tuesday – Disney/SuperHero, Wednesday – Jersey Day, Thursday – Hat & Crazy Sock day; and Friday – Sting Day, 8th grade wore Black, 7th grade wore White and 6th grade wore Green. The halls were festive each day with their classmates enjoying their creativity. The week ended with a pepfest which



Teachers race the clock as they participate with students in a game at the event.



The Spectrum Dance Team performed at the MS Pepfest after rushing over from performing at the HS Pepfest earlier that day.

showcased the winter athletes in Alpine Skiing, Basketball, Dance Team, and Wrestling. Students competed against each other in Minute to Win It games and relays led by the SAC (Student Advisory Committee) team. Cheering and screaming was a constant when the teachers showed their competitiveness in some of the same games. Overall the WinterFest week was a success and the middle school students will have some lasting memories of the experience!



# Deck The Halls

with Winter Cheer

## 6 Grade

Ms. Mattson's Advisory Class

All students in grades 6th through 8th were given the opportunity for expression by creating a winter scene in the 2021 Student Council Door Decorating Contest! The winners for the 2021 contest were selected the last week of school in December before winter break. They were the advisees from Faatz, Honn, and Mattson. Congratulations to all who participated! Treats were given to the contest winners in January when the students returned to the classrooms after break.



## 7 Grade

Ms. Honn's Advisory Class

*Did you know?*

Spectrum Middle School offers up to 20 athletic program opportunities.

Spectrum Middle School has a unique configuration model with separate buildings for 6 Grade and Grade 7/8.



## 8 Grade

Ms. Faatz' Advisory Class

The average class size for Spectrum Middle School is 25 students.

Spectrum Middle School has a 1:1 Chromebook program for students.

# LOOKING TO DISCOVER MORE?



## Vision Statement

Spectrum's vision is to be a leading college preparatory school of choice committed to high standards and exceptional programming.

## Mission Statement

Spectrum's mission is to equip students with the knowledge, skills, and attributes to successfully navigate the college and career of their choice and positively impact the world around them.

Authorized By Volunteers of America-Minnesota. *Stephanie Olsen, Senior Manager.*

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