

THE Northwestern

Northwestern Local Schools * 7571 N. Elyria Rd. * West Salem, OH 44287
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April 2019



NES Library

Mrs. Kardoehly held a bookmark design contest in the library for K-5th graders. Students had to make a design based on their favorite book or series. The following students were chosen for their winning illustrations. From left to right: Makenna Connelly from Mr. Kline's 5th grade class, Carter Wulff from Mrs. Fortune's 4th grade class, Haley McLaughlin from Mrs. Jackson's 3rd grade class, Grace Hawkins from Mrs. Ferrell's 2nd grade class, Emily Jackson from Mrs. McCullough's 1st grade class and Zakary Kostohryz from Mrs. Agnes' Kindergarten class



Bus Drivers and Van Drivers Needed!

We have sub drivers, but several have limited availability – so we can always train and use more! Contact Northwestern Transportation Dept. if you have an interest in the paid training, a very good salary, and opportunity for future employment as a van or bus driver!

STEM Preschool receives 5-Stars!



Our Northwestern Preschool has officially earned a 5 Star Step-Up-To_Quality rating!! See page 6 for more details.

Administration

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QR
Code



District Twitter Account
up and live!

Log onto @NW_Schools

Live broadcast of events

[http://www.ustream.tv/
channel/sportslive14](http://www.ustream.tv/channel/sportslive14)

Board of Education

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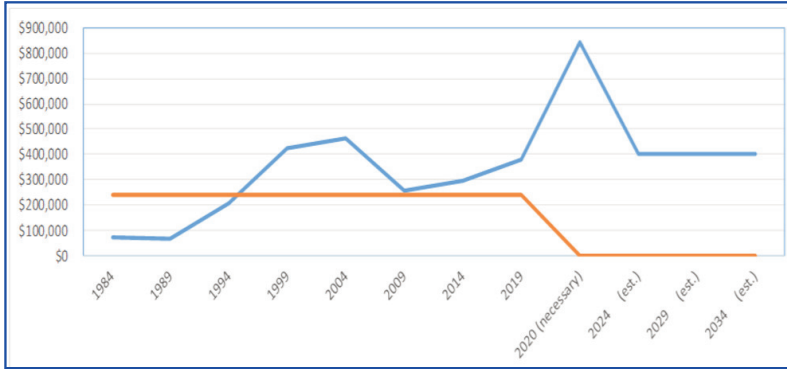
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Permanent Improvement Costs in 5 Year Increments



* Actual and Anticipated PI Expenditures

* Actual PI Levy Revenue if the Levy would fail



YEAR	PI/CAPITAL EXPENDITURE	PI LEVY \$Revenue
1984	\$70,258	\$240,000
1989	\$62,366	\$240,000
1994	\$205,241	\$240,000
1999	\$426,646	\$240,000
2004	\$465,500	\$240,000
2009	\$254,860	\$240,000
2014	\$293,235	\$240,000
2019	\$378,504	\$240,000
2020 (necessary)	\$845,198	0
2024 (est.)	\$400,000	0
2029 (est.)	\$400,000	0
2034 (est.)	\$400,000	0

Price Comparisons 1989 Vs 2019:

We all know that anything 62 years old needs upgrading and renewing, as do things 24 years old, and even 16 years old. Their mechanical components require repairs, replacements, upgrades and they cost more dollars each ensuing year.

As we all also know, a home, vehicle, tractor, farm equipment, etc. can run for decades. However, every year there are increasing expenses, more costly overhauls, new tires, batteries, (and in a school's case requirements and regulations). They still run, but lose efficiency, require more dollars and time to keep going. School buildings are no different.

	<u>1989</u>	<u>2019</u>
Cost of First Class Stamp	.22	.55
Cost Gal. of Gas	.095	2.55 (as of 3/28/2019)
Pick-up Trucks:		
Base 4X4 (Chevy C-1500)	\$11,846	\$28,300 (4X4 addit. cost)
Base 4X4 Pick-up (Ford F-150)	\$12,040	\$28,155 (4X4 addit. cost)
Base 4X4 Pick-up (Dodge 150)	\$12,773	\$28,155 (4X4 addit. cost)
Northwestern PI Levy:	2.8 Mills	4 Mills (as proposed)
	\$240,000	\$400,000 (as proposed)

Most prices have more than doubled over the past 30 years.

Northwestern is asking voters to consider only the increase needed to maintain our facilities.



*** IMPORTANT *** ***ANNOUNCEMENTS**

The Weltmer Family Academic Gift application is now available on Naviance.

The Ruritan Scholarship is now available in the student services office or you may find it on Naviance. The deadline for this scholarship is April 22, 2019.

There are open mat and lifting calendars for spring and summer in the HS front office for anyone that is interested in wrestling for next year.

Cheerleading tryouts for NHS football and competitive cheer team will be in early May. Please sign up in the office for more information. Basketball cheer tryouts will be held in the fall of 2019.

There are spring/summer volleyball schedules available for pick up in the HS front office for all volleyball players.



**Mr. Jeff Layton
Northwestern
Superintendent**

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So the spring comes...

This upcoming August will begin my 15th year at the helm of our Northwestern Schools. This will also mark my 30th year as an educator, 25th year as a school administrator, and 18th year as a public school superintendent. I live in this community and my three children graduated from Northwestern. I am proud of all of these ties to our school district and community. I am sharing this to encourage my friends, family, neighbors, Northwestern graduates, and our entire community to trust our Educators, our Extraordinary Board of Education Members, our Administrators, and my leadership regarding the needed PI money. These funds are a "necessity", plain and simple. I am asking that you rally for the needs of the buildings our tax dollars have built. The PI Levy renewal with necessary increase is on the ballot in May. Come vote. My vote will be "YES!"

My friends, Northwestern continues to be the school district to follow, the district others desire to emulate and partner with. We have the absolute best faculty, staff, administration, and Board of Education leading our school district and preparing our students. The success of our students is so very evident! Review this newsletter, area newspapers, our website, read our facebook and Twitter feeds to follow the tremendous success of our current students and graduates.

Our foundation and culture are in AGRICULTURE. Agriculture was the first hands-on, authentic learning STEM Curriculum. This has not changed. The success and student engagement of our Agri Science Program and FFA competitions, authentic projects, structure, and other requirements have been emulated by our other programs. Aside from the obvious exceptional talents and dedication of our teachers so many

visitors and experts ask "what is your secret" of student engagement, STEM program success, Fine Arts program success, the success of our Foundational program successes, and our overall student positive attitudes and it is so very simple that we have followed this simple model of Learning by Doing: 1. Learning Through Problems; 2. Learning Through Projects; 3. Learning by Collaborating; 4. Learning with Purpose. Now THAT "is the rest of the story..."

The accomplishments of our students has been fantastic! The articles within this newsletter provide evidence of our schools doing the great work for our students. Whether it be fine arts, Agri Science and STEM programs, core foundational courses, or extracurricular activities we do "prepare our students today for tomorrow's opportunities!"

Several achievements:

- * STEM Preschool – 5-STAR Step-up to Quality Rating! (the highest rating!)

- * 5 organizations working with our students mental Health, Counseling, Problem-Solving (Catholic Charities, AZAZAO, Counseling Center 360, Family Life Counseling, Goodwill Industries)

- * Ongoing Farm to School partnership with "A Whole Community" (we are in a collaborative grant to with OSU-ATI, A Whole Community, and Wooster City Schools to expand and improve our current Farm to School program)

- * We are in the midst of our successful \$425,000 Expanding Opportunities Grant (we have shown ongoing effective grant writing for student programs)

- * Effective After School Programs

- * National Award Winning School Leadership (2015 National SREB Recognition)

- * An approved Ohio Pre-Apprenticeship Program

- * 3,000 Sq. Ft. Greenhouse & Clean Energy Lab for hands-on, authentic learning

- * Maple Syrup Sugar Shack which further promotes hands-on, authentic learning

- * Excellent Gifted Programs & Services (look at the enclosed summary of our service as compared to other schools)

- * Special Education Programs & Services (read the enclosed article for the effort,

supports, and activities it entails to manage such an important program for our students)

- * Career Programs, Career Plans & MS-HS Career Pathways that are second to none!

- * Graduates are the best prepared – with college courses, experiential, senior seminar capstone, 4-year pathways, authentic learning, scholarships, competing and winning in state and national venues...

- * Graduates are ready for life with Industry Credentials, The Ohio Readiness Seal, Honors Diplomas, Internships, Apprenticeships, Capstone Projects, College Credits and experiences which lead to;

- * **Employers seeking Northwestern graduates over all others** (we hear this all the time – that Northwestern graduates are more mature and more prepared!)

- * **Student College and Career Successes** (we hear repeatedly that our graduates are more advanced with greater leadership development and can handle major responsibilities and projects!)

- * **Parents & Family** (we are repeatedly reminded of the positive experiences, leadership, preparation, and strong relationships graduates have received as they move on to their careers!)

We will continue to strive for what is best for our students. Every opportunity we can create – from helping secure college scholarships as we move forward with our mission in preparing our students today for tomorrow's opportunities, as has been our practice.

We have a contingent of teachers, West Virginia Dept. of Education officials, and other public officials visiting our schools and programs in late April to learn how a successful rural school district operates. With open enrollment at an all-time high others surrounding our fabulous school want their children to attend and graduate from Northwestern (Open enrollment was 263 incoming students for this 2018-2019 School Year).

**PREPARE OUR STUDENTS
TODAY FOR TOMORROW'S
OPPORTUNITIES**

** NW District **

Superintendent article continued

Below are a Several Honors:

- * Southern Regional Education Board National "Outstanding School District Award"!
- * Over 7 million in scholarships over past five graduating classes (doubling prior five years)
- * Consistent "Excellent" Ohio Dept. of Education Academic rating.
- * State Superintendent "School of Honor" (multiple years)
- * National SREB "Gold High School Award" (multiple years)
- * State Superintendent "School of Promise" (multiple years)
- * SREB National Math Rigor and Improvement Award
- * SREB National Depth of Implementation Award

Northwestern has been listed as a "smart school" district in the National Knowledge Works "smart schools" efficiency study.

Northwestern received the highest marks on the American Progress "Efficiency Study". This national study of public school efficiency measured school district per pupil cost to educate against student productivity.

- * High on Basic Return on Investment
- * High on Adjusted Return on Investment
- * Predicted Efficiency Index

Our community has so much to be grateful for - our families, friends, and wonderful school system with great facilities, that will be paid for in little more than 4 years. We must take care of our buildings that we paid for. In our schools we have extraordinary teachers and support staff, wonderful administrators, and wise board members. But we need heat and we need dry roofs, insulation, and classrooms. We need to properly maintain our buildings or it will cost far more down the road. We also have numerous support organizations which help our mission such as Ruritans, All Sports, PTOs, Music Boosters, Alumni & Friends, FFA Alumni, etc. Without our community of leaders working collaboratively and exhibiting transparency we would not be serving our students to the fantastic degree that we are. **I want to thank our 5 outstanding School Board Members for their leadership and support – Phil Keener, Kim Wellert, Laura Woodring, Chuck Beck, Paula Abrecht. We are blessed with these 5 amazing leaders!**

I take great pride in sharing the continued accomplishments of our students, community, and schools. The supports and relationships throughout our community are unique. We can take great pride in our schools and together we can continue to strive for even greater heights. With our dedicated administrators, staff, and community we will continue striving for and achieving well-beyond expectations.

We are all about excellence and increasing expectations at Northwestern. Within our Northwestern family we will continue to focus on the needs of our students. We will continue to prepare our students today for tomorrow's opportunities!

I am always willing to listen to ideas, questions, and concerns from students, parents, and anyone in our community. It is only by asking, sharing, and participating that we can continue our important work. Please do not hesitate to contact me for any reason and "thank you" for your ongoing support.

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Jeffrey N. Layton

Superintendent

Northwestern Local Schools

Our success is our kids!

Northwestern is one of very few schools pursuing the **OhioMeansJobs-Readiness Seal** for our graduating Seniors! Our Graduates: 21st C. Skills, College Ready, Career Ready!

Husky Proud!

Learn more about the **OhioMeansJobs-Readiness Seal**

The OhioMeansJobs-Readiness Seal is gaining ground as more students recognize the lifetime benefits of developing essential professional skills early. Students can earn recognition by showing they are prepared to contribute to the workplace and their communities.

At Northwestern we strive each and every day to epitomize our strategic plan by "preparing our students today for tomorrow's opportunities!"

Our focus is on: **RIGOR-RELEVANCE-RELATIONSHIPS!**

- Innovative!
- Efficient Operations!
- Excellent Programs!
- Student – Centered!
- 21st Century Skills!
- College and Career Ready!
- Fostering Leadership!
- Commanding state and national Success in Student Competitions!
- * Future Ready School District
- * OSLN (Ohio STEM Learning Network) STEM Schools
- Northwestern High School since 2014
- Northwestern Middle School since 2014
- Northwestern Elementary School since 2017



SUPPORT OUR SCHOOLS!

NORTHWESTERN SCHOOL PI LEVY INFORMATION HUSKY PROUD!

Northwestern School District is asking voters to consider passage of a single 4.0 mill Permanent Improvement levy over 5 years (2.8 mill renewal with 1.2 mill additional) The district is asking only for a 1.2 mill increase over the present, expiring 2.8 Mill PI amount

FACTS:

- * Our current PI Levy expires this Dec., 2019.
- * This would be our first PI increase in 30 years. We cannot maintain our buildings & facilities with 1989 revenue – it is insufficient. It is like purchasing a 2019 vehicle on a 1989 salary (30 years later). The costs are significantly higher and unaffordable unless you receive a raise in the 30 years. }
- * Age of buildings:
 - HS 24 years old with 16 years old addition (Built in 1995)
 - MS 62 years old with 16 years old addition (Built in 1957)
 - ES 16 years old (Built in 2003)
- * We must continue to invest in needed repairs for our buildings. Many replacements and repairs require updating to new building codes and standards.
- * The section of our 62 year-old Middle School roof we are replacing was last serviced in 1994 (25 years). It is well beyond the expected life. With leaks and potential for mold, it is a must to replace. Current building code requirements add to replacement expenses.
- * We need these funds to catch-up with PI needs and expenses – our PI revenue has failed to keep pace with our PI inflationary increases.
- * This is a 5-year PI levy 1/2020-12/2024 (also, our OSFC Bond Tax expires in 2024)
- * Our buildings are aging and it costs more to maintain our buildings NOW (in 2019) than at the stagnant 1989 PI funded amount.
- * PI (Permanent Improvement) Funds can only be used for tangible items with a life expectancy of 5+ years.

Our PI levy generates \$240,000 annually. The additional millage would increase PI by the needed \$160,000.

PI Fiscal Year Expenditures:

1989	\$ 62,366
1994	\$205,241
1999	\$426,646
2004	\$465,500
2009	\$254,860
2014	\$293,235
2019	\$378,504
2020	\$845,198

Necessary Major upcoming PI Expenditures:

- \$582,181 High School HVAC Updates
- \$263,017 Middle School Major Roof Replacement
- \$ 90,000 annual School Bus Purchase
(these items are well beyond their life expectancies)

History of our Permanent Improvement Levy

- 1974 initial 2.0 mill PI levy
- 1989 PI Levy increased to 2.8 mills
(increased after 15 years of initial levy amount)
- 2019 expiring 2.8 mill + 1.2 mills additional over the expiring 2.8 mills
= increase PI Levy to 4.0 mills total
(our schools are asking for 1.2 mill increase after 30 years)

Tax Examples:

- The additional 1.2 mills on a \$100,000 home:
- \$100,000 X .35 X .0012 = \$42 yearly (3.50 month)
 - For a \$200,000 home: \$84 per year (\$7 month)

Northwestern is an EXCELLENT School District!

- We prepare our students academically
 - We prepare our students socially
 - We prepare our students emotionally
 - We prepare our students for future careers
 - Our students compete and excel regionally, state-wide, and nationally
- “We prepare our students today for tomorrow’s opportunities!”***

Our community has a long history of supporting our schools and our schools have a long history of providing our children with the best education & opportunities in a frugal & efficient manner. Your support of this levy will continue this legacy.

Tax Impact Information:

Taxpayers can access the levy impact by accessing the Wayne County Auditor’s Website. Go to “tax” tab, then “levy” tab. Information on your current cost for all levies – also what you will pay for this 1.2 mill increase.

Community PI Levy Information Discussion:

- High School Library 6:00PM on April 22nd
- This is immediately prior to the Board of Education Meeting.
- Superintendent, Treasurer, Administrators, Board of Education Members will be present to discuss the PI Levy, District Needs, and answer any questions.

District News

BE IN THE KNOW - REGISTER FOR NORTHWESTERN ALERTS!

SIGN UP FOR NORTHWESTERN SCHOOL ALERTS:

This service will allow you to receive alerts in case of an emergency dismissal, delay or closure. THERE ARE SEVERAL CATEGORIES – SIGN-UP BY BUILDING, PROGRAMS, OR DISTRICT!

Go to http://entry.inspironlogistics.com/northwesternschools_oh/wens.cfm to register. Make sure you get District Alerts AND your child's Building Alerts.

BE IN THE KNOW - FOLLOW US ON NORTHWESTERN TWITTER!

Please register for our Northwestern "Twitter" account!

Registration can be completed on our Northwestern website and by registering at the twitter address on the front page of this newsletter!

We initiated this account four years ago and have sent tens of thousands of tweets since!

We generally send 2-10 tweets per building per week during the school year.

There is a significant amount of research that indicates parents and community members are more likely to read brief one or two liners with a picture than lengthy posts, newsletter articles, etc. Northwestern wants to continue sharing the amazing things happening in our classrooms through every avenue possible!

Follow us on Facebook! Follow us on Instagram!

Check-out our website – information located there is easily accessible and quickly answers many questions that I hear people ask and read on social media!

Our area newspapers provide coverage for a portion of the many amazing things that our outstanding teachers do each day. However, we need to continue multiple means to be sure as much gets out to the general public as possible. While we do utilize test alerts, The West Salem Messenger, WQKT, Wooster Daily Record, Ashland Times-Gazette, The Post Newspaper, our website, and our own "The Northwestern" newsletter the twitter feed is another means that provides for ongoing and immediate newsbytes.

STEM Preschool had a blast exploring Wooster Public Library for their first field trip!!



STEM Preschool receives 5-Stars!

We had a nonscheduled visit and observation from The Ohio Dept. of Education Preschool for our STEM Preschool program as part of the process of our Step Up To Quality rating process. Last year was our initial year so we could not go through the rating process until this year. This year they were able to rate our program.

We are very proud to share with you that we have officially earned a 5-Star Step Up To Quality state rating - the highest rating possible - for our STEM Northwestern Preschool!

S.U.T.Q. is an improvement and rating process that all schools receiving state funding will be required to participate by July 2020. Since we do not qualify for state funding for our program it is not required, but Northwestern welcomed the opportunity to receive a rating and school improvement feedback, so we participated in the program.

Step Up To Quality is a five-star quality rating and improvement system administered by the Ohio Department of Education and the Ohio Department of Job and Family Services. S.U.T.Q. recognizes and promotes learning and development programs that meet quality program standards that exceed preschool licensing and school age child care licensing health and safety regulations. Step Up To Quality program standards are based on national research identifying standards which lead to improved outcomes for children. Each of these individuals played a large role in making all of this possible:

Each of these people are AMAZING!

Jeff Layton, Julie McCumber, Joey Brightbill, Nicole McQuate, Kara Fish, Joelyn Allshouse
If you see them, give them a High FIVE!

School Safety & Security Update

The district continuously strives to ensure the safety of our students and staff.

This summary is an effort to share with our community our ongoing efforts. It is very comprehensive, but certainly not exhaustive – as we do so much more on a daily basis:

- Held a Spring, 2018 School & Community Safety Forum
- Put together and compiled the results of a parent-community School Safety Survey
- Held a June, 2018 School & Community Safety Forum

The purpose of these meetings was to provide an update of what we were currently doing, what was in process, and future considerations regarding school safety and to discuss the feasibility of securing a school resource officer.

These collaborative discussions between members of our community, parents, safety experts, school personnel, and our School Board and administrators led to the following:

* Aug., 2018 Employed School Resource Officer Deputy Adam Chellis through a shared agreement between the Wayne County Sheriff's Dept. Wayne County Commissioners, and Northwestern Schools

* Aug., 2018 Bus Driver Safety Professional Development

* Aug., 2018 Expanded Peer Supports through strong HS student leaders interacting with ES students (training through ANAZAO)

* Aug., 2018 Added additional emotional and counseling supports through The Counseling Center 360

* Oct., 2018 Bus Driver Bus Emergency Training with SWAT Team

* October, 2018 Added Additional Case Management and Transition Services through Goodwill Industries

* Dec., 2018 Reviewed & Updated all Homeland Security School Building and School District Safety Plans

* Dec., 2018 Submitted successful \$40,000 BWC School Safety and Security Grant

School Safety & Security

(Incl. 17 Security Cameras, 10 Bus Replacement Cameras, Replacement ES and HS Electronic Lock Systems, 6 additional Handheld Radios)

* Feb., 2019 All School Staff "Stop the Bleed" Training

* Feb., 2019 "Stop the Bleed" Kits acquired for every classroom

* March, 2019 Applied for \$5,000 PBIS Nonviolent Crisis Intervention Grant for to train more faculty, staff & administrators program. If awarded will occur in Aug.-Sept., 2019

* April, 2019 Sheriff's Dept.-Northwestern collaboration in applying for D.A.R.E. Grant funds for 19-20 school year

* April, 2019 Install Additional 17 Security Cameras

* April, 2019 Install 10 Replacement Bus Security Cameras and Hard Drives

* April, 2019 Receive 6 Additional Handheld Radios

* May, 2019 Complete and incorporate Individual Classroom Crisis Response Lists

* June, 2019 Install New ES and HS Electronic Lock Systems

* July, 2019 Install Impact-Resistant Glass Coating at all building entrances – doors and windows

* Aug, 2019 install opaque coating on classroom and select internal doors and windows

* Ongoing Studying and adding additional secondary door lock systems for classrooms as determined

* Ongoing SRO educating students through classroom presentations and through ongoing student interactions

* Improved security to secondary exits through cameras, peepholes, and alarms

* Ongoing Tornado, Fire, Emergency Evacuation, Armed Intruder, and other drills

* Ongoing Crisis Intervention Training

* Ongoing Armed Intruder Alice Training

* Ongoing involvement in county-wide discussions re social media and bullying

* Ongoing Student education, speakers, and assemblies on dangers of social media and bullying

* Ongoing Mental Health & Recovery Board, Jobs & Family Services Meetings, Family & Children First Council, and other pertinent meetings

Future Considerations:

* SRO educating through DARE programming (planned to begin Aug., 2019, if grant approved) (all students in 5th and 7th Grades)

* Providing more comprehensive Staff "Unarmed Self-Defense training" in an intruder situation for all staff

* Software to potentially scan social media for key phrases, threats, and self-harm

* Install a gate across the NE corner of the HS Building across to the storage building and fencing to secure the back of the HS (currently unaffordable)

* Multi-directional signal boosters for MARCs handheld radios (currently unaffordable)

* We are searching for additional school safety, opioid, or DARE officer content, if we can qualify for grant money

January – June 2018:

* Expanded & increased Counseling, Therapy, Family Counseling, Case Management Services through and within Northwestern Schools at all grades

* Added a third organization to provide additional services – Family Counseling out of Mansfield – in addition to services provided by Catholic Charities and ANAZAO

* Peer supports – HS to upper ES students (training through ANAZAO)

STAY INFORMED

SCHOOL SAFETY AND SECURITY continued

- * Positive Behavior Supports (PBIS) – refresher and more intensive training
- * Numerous staff discussions regarding school safety and security
- * Continued anti-bullying efforts
- * Continued efforts focusing on individual student needs and climate/family issues – especially anger management, self-esteem, relationships, and resiliency
- * Wayne County Bullying Conference (Mrs. Beun has taken an active role and was a panel members and speaker for this spring county-wide event as well)
- * Updated and replaced several security cameras
- * Provided Staff “Unarmed Self-Defense training” in an intruder situation for staff in all three buildings voluntarily
- * Purchased and distributed pepper spray to administrators, secretaries, custodians, interested bus drivers, and other key employees
- * Purchased magnetic door lock pads for classroom doors
- * Replacement of MS Entrance Security Camera system
- * Mandate that all Secondary exits remain locked and secured – no propping or unlocking of doors
- * Expanded access of our security cameras to Sheriff Dept. Deputies on their electronic devices
- * Purchasing additional direct intercom phones and programming these to reach the entire building in emergency
- * Voluntary unarmed Self-Defense staff training
- * Various emergency response trainings
- * Select active law enforcement officers approved to carry concealed weapons on campus at any time
- * Previous to 2018 items incorporated included: Ongoing staff training, ongoing anti-bullying efforts, MARCS Radios installed in each building, security cameras and electronic buzzer systems for each building, 100 security cameras installed and/or updated in buildings and around campus, installed multi-camera systems on school buses, emergency medical kits in all classrooms and specified locations, buzzer lock systems in ES, MS, HS, etc.

As we have shared before, the very best deterrent in many situations is forging and maintaining strong relationships and communications with staff, students, and parents; addressing mental health and behavioral issues, dealing with any bullying behavior immediately, as well as providing additional counseling supports for students and families as provided with existing staff, Catholic Charities, ANAZAO, families, and local clergy. The grants we have received for these counseling agencies to work with our students most in need in all of our school buildings through Wayne County JFS through Title XX funds as approved by the Wayne County Commissioners has been a much needed additional support for our children each of the past 4 years. Adding Family Life Counseling, The Counseling Center, Goodwill Industries, other agencies with professional supports, along with internal professional development, DARE Program with an excellent SRO, and student education for our children are the best possible deterrent for internal threats. As far as external threats the (SRO) School Resource Officer is the best safety measure we can incorporate.

SCHOOL SAFETY

Expand your Knowledge! Higher Education for Older Adults!

Ohio State University graduate-level Program 60 allows Ohio residents age 60 and older to take Ohio State University classes tuition-free on a non-credit, non-degree basis. In most cases, all they need to do is sign up for Program 60 and get permission from the instructor of each class they want to take. Courses can be taken at the OSU Wooster Campus as well as main campus or any OSU satellite campus.

This semester, Program 60 had 336 students enrolled in courses at Ohio State and 792 registered participants.

What Program 60 provides older adults is not only an opportunity for learning, but also an opportunity for building relationships and emotional satisfaction in life," said Holly Dabelko-Schoeny, professor of social work at Ohio State.

Taking classes on art, medieval history, women in cinema, astronomy, renewable energy, technology, or just about any content is available. Many participants do not take the exams or write the papers assigned in class. But that doesn't mean that students aren't interested in learning the material in their classes. The social work study found that 86 percent of Program 60 students were motivated to participate in order to develop their knowledge.

What Program 60 participants get from taking classes goes beyond the usual advice for older people to keep their mind active.

"They are able to pursue areas of interest from a huge catalog of classes at Ohio State," says Dabelko-Schoeny. "It is not just exercising your brain with crossword puzzles or Sudoku. It is about growth and development as a person."

Many participants share how much they enjoyed interacting not only with their instructors, but especially with the younger students in their classes. This inter-generational interaction is a key part of what makes Program 60 successful. In fact, a study found that Program 60 participants thought the program contributed more to expanding their social network with younger generations than with other older participants in the program. What Program 60 does is provide a unique opportunity for cross-generational relationship building. And it is not only the older students who benefit. Younger students ask for advice about a variety of experiences from participants, including about finding jobs, interviewing, life lessons, and improving their resume.

"Program 60 counters some of our societal stereotypes about how we stop learning and growing and developing intellectually and socially as we get older," Dabelko-Schoeny says. Contact Ohio State University for more information about enrolling in this unique program!

**Northwestern
Schools
“Home of the
Huskies”**



TRANSPORTATION DEPT. NEWS!!

Parents: Regarding next August - anticipate a phone call from your assigned driver regarding pick-up times sometime the week prior to the start of school.

Below is interesting annual information regarding our Northwestern Transportation Department:

- 11 route buses and 5 spare buses
- 3 vans
- Employ 11 contracted route drivers
- 8 sub drivers (several have limited availability – so we can always train and use more!)
- 8 licensed van drivers
- 234,758 total miles driven (24,231 field trip miles and 210,527 routine miles)
- 419 annual field trips (1 bus per field trip, field trips requiring multiple buses/vans counted individually per bus/van). Most trips are athletic and other competition related.
- All van drivers are required to undergo training and pass a written test.
- All bus drivers are required to pass a CDL test, extensive training, complete a written bus test, driving bus test, and required to drive specified number of routes before driving alone with students.
- Bus/van drivers are required to recertify every 6 years.

We hope everyone has a fabulous summer!

2018-2019 Gifted Services Update

District Gifted Numbers

- * 176 students identified in at least one area
 - * 29% Identified as Superior Cognitive
 - * 43% Identified in Reading/Writing
 - * 52% Identified in Math
 - * 22% Identified in Science
 - * 13% Identified in Soc. Studies
 - * 3% Identified in Visual Performing Arts
 - * .05% Identified in Creative Thinking
 - * 47% Identified in more than one area
- * 22 newly identified students since start of school year
- * 93% Identified students are being served o
 - * 8 students elementary TAG
 - * 4 elementary students received special design curriculum in 3rd d gr Math (including one 2ⁿ^ Grader)
 - * 100/o served through CCP courses
 - * 4^h Grade Math & ELA served through Co-Teaching Model
 - * 73% served through Honors courses

2018-2019 Gifted Coordinator Focus

- * Move MS/HS progress reports to Progress book for better reporting of student progress towards WEP goals
- * Preparation of Training/Review identification in Visual Performing Arts(VPA) for Art & Music teachers
- * Creation of District VPA identification timeline to ensure regular identification
 - * 3 students identified this fall
 - * 1 senior majoring in Music and was able to apply for additional scholarships
 - * 3 additional students will be screened April 4th
- * Creation of District EMIS reporting form
 - * All Identified student information in one google sheet for easier reporting
- * Continuation of creating PD modules through google classroom/review of teachers PD hours

Goals for end of school year & 2019-2020

- * Review of student schedules 6-12 to ensure service in ID area
- * Research and/or create service models for K-2
- * Review of curriculum maps work with Curriculum Director and teachers to imbed enrichment activities/higher order thinking skills and tasks

Highlights from ODE Gifted Cost Study

- * Those rural districts using shared ESC and shared coordinators say their services are less integrated, lack consistency and are overall not successful
 - * Some rural districts must use ESC for Written Education Plans (WEPs) due to lack of gifted intervention specialist
 - * Whole grade screening has resulted in a more effective and efficient identification process
 - * Some rural districts reported only serving gifted students through an enrichment/study time 2-3 times a week
 - * Many rural districts reported high school students opting out of gifted services due to scheduling conflicts

Northwestern Schools

Type of District	% Gifted Students Identified as a Fraction of Enrollment	% Gifted Students RECEIVING Services as a Fraction of Students Identified
Poor Rural	12.7%	55.3%
Rural	14.5%	53.5%
Small Town	16.1%	55.2%
Poor Small Town	11.4%	57.0%
Suburban	19.1%	53.1%
Wealthy Suburban	31.6%	48.3%
Urban	8.8%	50.9%
Major Urban	97%	46.7%
State Average	16.4%	51.8%
Northwestern	13.4%	93.2%

“How To Be A Pirate” Third Grade Concert. Great Performance!!!



Northwestern has been a Future Ready School District since 2017

Leadership and school culture create the foundation of schools that are future ready. As such, district leadership provides a vital pillar for transformation.

Future Ready District Leaders:

- invest in collaborative leadership
- create a dynamic culture of innovation
- lead the

development and support of a vision for teaching and learning that is both individualized, personal and authentic



- work diligently to model desired outcomes
- work diligently to remove unnecessary roadblocks while modeling a culture grounded in relationships and trust
- empower school-level leaders and every employee to collaborate in creating and implementing their school’s vision for teaching and learning while providing the opportunities, time, and needed resources for them to grow professionally



Special Education This Year:

- ES/ MS/HS Streamlined EMIS reporting to BOE and State
- ES/ MS/ HS Full Incorporation of electronic signature for IEP/ETR's
- ES/ MS/HS Continued tracking of student progress through binder system.
- ES/MS/HS Current number of JPSNS open enrolled to our district: 17
- ES/MS/HS Met consistently with Intervention Specialist during scheduled 2 hr. delays for team planning.
- ES/ MS/ HS Increase reliance on Catholic Charities/Anazao /Family First Counsel to serve student needs for counseling/ crisis/ interventions
- MS/HS (transition age 14+) increased sign up of public services through outside agencies such as Wayne County Board or Developmental Disabilities (Pre- employment opportunities, Opportunities for Ohioans with Disabilities and Goodwill Mentor/Curriculum/Incentive Program
- MS full inclusion for Students with IEP's, blended classrooms and co-teaching.
- ES/MS/HS Completed a review of IDEA compliance through SST9 (State Support Team) for IEP's and ETR's
- ES/MS/HS Building teams trained in CPI (Crisis Prevention Intervention)
- Total Students on Individual Education Plans (IEP's) that receive special services (Preschool/ES/MS/HS/WCSCC/IDA SUE/LEAP: 196
- Preschool Tri Co./Head Start: students 23
Elementary: students 79
Middle School: students 41 HS: students: 47
Ida Sue : 3 Leap 3
Total School Age: PS/ES/MS/HS: 196 (Source: DataMap)

Future Focus:

- Continued Professional Development in areas o behavior interventions/trauma
 - o academic intervention strategies
 - o transition goal activities for MS/ HS
 - o mapping transition/job skill curriculum
- adapted financial literacy/ career skills and adapted senior seminar

HUSKY PRIDE & TRADITION

Special Education This Year:

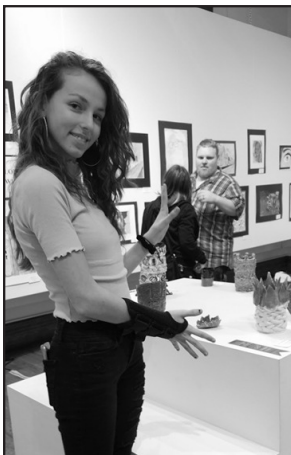
- * Continue Increased Partnerships through WCBDD/OOD (Opportunities for Ohioans with Disabilities) 12 open cases, and Goodwill (11 referrals/moving forward)
- WCSCC for Services/Progress Monitoring and transitioning students. Committee Formed this Year
- Continue with Support Programs: After school tutoring/ RTI (Interventions)/Summer Programs
- Expand Assistive Technology PD for students with limited to no language (resources for families), support from Prentke / Romich and Saltillo Devices
- Continued Implementation of Technology/ APPS/ Communication Devices (Talk/ Chat/ Accent 800, Go Talk),
- Continue Curriculum/ Program Exploration based on Needs: Foundations/Wilson Reading/ Typing without Tears/ / EET (Expanding Expression Tool)/Attainment Curriculum/Behavioral Level System (Check in Check Out)/Zones of Regulation/Moby Max

NW Art Department

Congratulations Artists!

Congratulations to the following students who participated in the Junior High Art Exhibit at Wayne Center for the Arts! 8th grade- Caitlyn Leighty, Brooke McNeil, Louisa Morris, Della Amstutz, Madelyn Fricke, and Olivia Jessee. 7th grade- Madalyne Hunt, Carissa Whisman, Gavin Hines, Sophia Linder, Faith Jacob, and Keturah Weaver.

Congratulations to the following 8th graders for receiving awards at the Junior High Art Exhibit at Wayne Center for the Arts! A'kia Hardin- 1st in Mixed Media. Anna Gendron- 2nd in Painting and two honorable mentions in Painting. Danny Lynch- 3rd in Non-Clay Sculpture. Danielle Wilkes- 2nd in Clay Sculpture. Aubrey Bowersock-2nd in Ceramics.



NEWS AND UPDATES

NW Art Department

Summer Community Art Class

The Northwestern High School art students have been asked to do a couple of murals for our community! It is nearly impossible for us to work on them throughout the school day and our art club students are also apart of other after school activities and sports. So we decided to come up with a summer class for High School credit! This way we can work on it for hours at a time and be on location. This is also a very real world experience with the opportunity to work with a real client, working apart of a team, problem solve on a whole new level, and the opportunity to have public art on display! For questions or to Pre-register contact either Ms. Nussbaum or Mrs. Smith at nrws_enussbaum@tccsa.net or nrws_lsmith@tccsa.net

ArtFest! May 10th & 11th

Come celebrate a wonderful school year of creating art with a showcase of fantastic projects from the Elementary, Middle, and High School! The festival will be at the Elementary School on Friday, May 10th and Saturday, May 11th. On Friday, the showcase reception will be open from 5:00pm-7:00pm and on Saturday our Art Club students will host a Make 'n' Take from 10:00am-12:00pm. On Saturday, you can not only enjoy the showcase, but also participate in Make 'n' Take stations! There will be a wide variety of Make 'n' Takes, so students of all ages can enjoy! We look forward to seeing you there!

NORTHWESTERN LOCAL SCHOOLS PRESENTS

ART FEST 2019

SHOWCASE RECEPTION - MAY 10, 2019
5PM - 7PM
MAKE 'N' TAKE - MAY 11, 2019
10AM - 12PM

An interactive art experience for kids of all ages! Make 'n' Take your choice of six projects!

- Button Making
- Printmaking Station
- Rock Gem Bugs
- Bubble Painting
- Blackout Poetry
- Miniature Gallery Art

NORTHWESTERN ELEMENTARY CAFETERIA
ELEMENTARY, MIDDLE, AND HIGH SCHOOL ART WILL BE ON DISPLAY! THANK YOU FOR SUPPORTING OUR AMAZING STUDENTS!

Follow Mrs. Smith and the High School Art Room @nhsart103

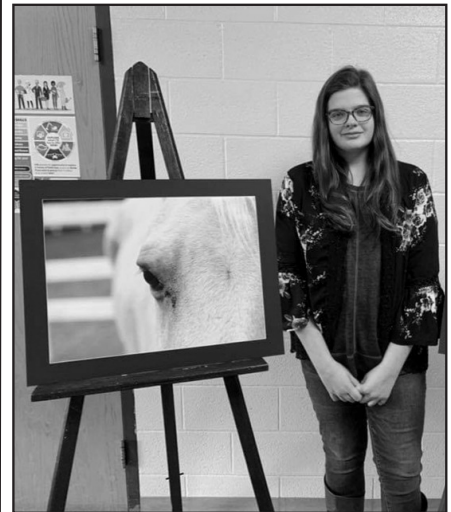


STATE COMPETITORS!

A round of applause to our 10 high school students on competing at state at the Ohio Governor's Youth Art Exhibition, on March 9, 2019, with a total of 15 pieces!

Congratulations to Miss Desiree Smith on winning the honor to be one of the 25 works displayed in the State Department of Education display! Desiree's photograph, titled "Horse Eye View", will be on display at the Ohio Department of Education, in Columbus until May 16th.

Our other nine competitor's, Weslea Arthur, Trent Boatner, Jett Conley, Laurissa Fulton, Lizzy Howman, Kendra Hummel, Paige Nutter, Allie Spencer, and Lindsey Sykes, works will be on display at our Annual Regional High School Exhibition at the Mansfield Art Center from March 16-April 14!



Miss Desiree Smith is honored to have one of the 25 works displayed in the State Department of Education display!



<https://www.artsonia.com/schools/school.asp?id=71876>

Take a moment to check out the online art portfolios of Northwestern Elementary Students!



**Mr. Mike
Burkholder
Northwestern
High School
Principal**

Hello from Northwestern High School,

This school year has really flown by! As many of you are aware, this has been a very difficult school year for me, relative to my health. My treatment plan will continue for a period of time but I plan to be able to be visible and involved on days that I can. I have been very fortunate to be surrounded by so many good people at the school who have picked things up and kept things going in my absence. I also appreciate that I live and work somewhere that I have the opportunity to continue to stay connected to fill whatever roles I am able to fill during this time. Thank you for all that you have done for me and for my family.

We will soon be proctoring this year's end of course tests at the high school. The following courses have state tests that will be a factor in meeting graduation requirements: English 9 & 10, Algebra I, Geometry, Biology, American History and American Government. The state has shifted to a single end of course test, but it still has two parts. To give the impacted students the best opportunity to perform their best we will be on a late start on test days for the non-testing students. This will allow our testing students to be in a smaller group setting. We have the test dates and times on our High School calendar, which is accessible from the High School webpage. We are doing the best we can to find ways to deal with the impact of assessment delivery, while maintaining a structure that delivers the best education that we can provide to our students.

Our students did an exceptional job with their science fair projects at the local and district level. Eleven students from the high school received Superior ratings on their projects and earned the right to advance to the State Science Day in May. Many of these students also earned other recognitions, as well.

Northwestern High School News

As a school, we were recognized for receiving the most Superior ratings and for having the highest percentage of our projects receive Superior ratings. Congratulations and thank you to our students, families and staff that made this possible. We also have students competing in various STEM related contests with many of them advancing to higher levels of competition.

Schedule requests have been submitted and we will be looking to create next year's master schedule. We are very proud of the fact that we have been able to maintain an impressive array of curricular offerings.

One of the issues that we continue to focus on is creating opportunities for our students to remain on our campus and have access to a significant number of CCP classes. While we understand that this is an individual and a family decision, we strongly believe that there are considerations to be taken into account that may influence the decision. We have shifted the majority of our class offerings to a semester-based system, similar to a college or university format. Without leaving Northwestern, qualified students can earn college credits in the following classes: Writing Composition I, Writing Composition II, Speech, Literature Appreciation, American Politics, US History to 1864, Chemistry, Calculus, Statistics, Music History, Music Theory, Education as a Profession, multiple Ag Science courses and/or several business course offerings. We are continuing to offer the capstone class in both the engineering, biomedicine, clean energy and computer science curriculums. If a student has completed the pre-requisite courses, these classes may be chosen as a yearlong alternative to their senior seminar class. Seniors may also choose to participate in an Internship as a means of meeting the senior seminar graduation requirement. Students can also be exempted from Senior Seminar in they successfully complete the following CCP classes: College Writing I, College Writing II and Speech Communications. We will continue to look for ways to expand our offerings and provide our students with quality and innovative course offerings.

While the high school cannot be a college campus, there are definite advantages to working with teachers who are qualified to teach college classes and trained to work with high school students. While the majority of our students find success with this curriculum, regardless of where they take the classes, it is important to note that the cost of the class is charged to the family if a student does not pass a class. Having a relationship and access to the teachers at the high school reduces the risk of having a student fail a class without a parent knowing that their child is struggling or has a low grade. Taking CCP classes at Northwestern eliminates the cost and safety concerns related to travel, as well as allowing the opportunity to take other curriculum at the high school. From our schools perspective, we have a stake in having as many of our students stay and take their classes at the high school as the majority of these students are also our leaders and their absence affects the school culture.

At present, we are planning to offer two summer courses: Physical Education and Financial Management. Physical Education I will have some on campus work with the majority of the work done off site. Financial Management will be an on-line class. We may also have the opportunity to provide some summer on-line courses to address credit recovery needs. Further information will soon be available in our guidance office.

As we move toward May, we are looking toward many significant events. The largest of these events is the High School Graduation. On June 2 at 2:00, in the Northwestern High School gym, the class of 2019 will be receiving their diplomas. The Class of 2019 has lived up to the strong traditions of our school and community.

STAY INFORMED

More from Mr. Burkholder

I always look forward to the Senior Awards Assembly, as this is a time when we get to celebrate their successes and learn more about the recognitions and scholarships they have accumulated, as well as what their future plans are. Senior Awards will be Monday, May 28 at 7:00 p.m. and will be held in the theater. Please join us for this celebration, if your schedule allows. Underclassman Awards will be held Monday, May 13 at 7:30 a.m. This will be held in the gym. All parents and community members are invited to attend this event!

Important dates to note as we move toward the end of the school year:

- 5/7 Spring Band Concert @ 7:00 p.m.
- 5/13 Northwestern Ruritan Student Recognition Program
- 5/13 Underclassman Awards @ 7:30 a.m.
- 5/14 Spring Choir Concert @ 7:00 p.m.
- 5/28 Senior Awards Assembly @ 7:00 p.m.
- 5/28, 5/29, 5/30 Underclassmen Final Exams
- 6/2 Graduation @ 2:00 p.m. – High School Gym

Note on exams:

Senior exams are scheduled by their teacher during the final two days. We will not be on an adjusted schedule.

Underclassmen exams will be as follows:

- 5/28 - Periods 1, 4, 5
- 5/29 - Periods 2,6,7
- 5/30 - Periods 3,8

The exam schedule will be:

- Exam Period One : 7:25-8:45
- Exam Period Two: 8:55 – 10:15
- Exam Period Three: 10:25 – 11:45
- Lunch: 11:55
- Make Up or Rescheduled Exams: 12:40

The format for exams will be open. Students do not need to come in until their first exam each day and may leave after their final test each day. All classes, excluding study hall, will be having a final exam or culminating activity. If a student has an exam, study hall and then an additional exam they must stay the entire time.

If your child must be here the entire day, we will have supervised areas for study or for recreation. The buses will be running on their normal schedules. For the safety of your children, we ask that arrangements be made to pick up your child when his/her academic day is complete. Please do not have your child walk or ride a bicycle on State Route 301.

If you have any questions or need clarification, please contact the high school at 419 846-3833 or you may contact me at nrws_burkhol@tccsa.net.



NORTHWESTERN ALL SPORTS ASSOC.

As winter turns into spring (hopefully feels like it soon!) All-Sports Association is continuing to work for our youth in athletics. Most recently, All-Sports purchased new uniforms for the boys and girls cross country teams. In the fall, the girl's soccer team received new uniforms. In the works for future purchases are contributing to the addition of new volleyball standards, a pitching machine for both softball and baseball, and upgrading the equipment that is shared across all the venues of our concession stands. These purchases are possible because of the hard work put into running our extraordinary concession stands. Thank you to the Parks and Rec coaches and parents who helped run the concessions on game nights.

A special thank you to Shelly Kanzeg, Jenny Leighty, and Alison Fiala for stepping up and helping during basketball season when the need called. Also, thank you to the student organizations that assisted during wrestling meets. Because of your continual help, not only do we supply great food choices during events, but we are able to give out scholarship money to graduating seniors each and every year. This year's scholarship application deadline is April 12. Graduates of the Class of 2019 who have participated in athletics may apply for a scholarship. Contact the high school office for an application. As May approaches, there will be elections for the positions of president and treasurer, as their terms are expiring. If you are interested in running for an officer position, come to our next meetings and see what being in a leadership position all entails. As always, meetings are the first Monday of every month at 7:30 in the high school library. Let's continue to supply the best that we can for our athletes; it takes a community to rally the team spirit!



Northwestern High School
Honor and Merit Roll
3rd Nine Weeks
2018-19



- April 8 Ruritan Meeting
- April 11 ELA 1/EOC Testing
Odd Periods
- April 12 ELA 2/EOC Testing
Even Periods
- April 15 School Board Meeting
- April 15-19 Sprring Break
- April 23 BIO 1 EOC Testing
Odd Periods
- April 24 BIO 2 EOC Testing
Even Periods
- April 27 FFA Banquet
- April 30 HIST 1 EOC Testing
Odd Periods
- May 1 HIST 2 EOC Testing
Even Periods
- May 3 State FFA Convention
- May 4 Prom
- State FFA Convention
- May 6 All Sport Meeting
- May 7 Math 1 EOC Testing
Odd Periods
- Spring Band Concert
- May 8 Math 2 EOC Testing
Even Periods
- May 13 Underclassmen Awards
7:30 AM
- Ruritan Student Recognition
- May 14 Spring Pops Concert
- May 15 BioMed Field Trip
- Peace Officers Memorial
Day
- May 20 School Board Meeting
- May 21 Senior Exams
- Music Booster Meeting
- May 22 Senior Exams
- May 27 Memorial Day
Parade 10:00 am
- May 28 Senior Awards
- Underclassmen exams
- May 29 Underclassmen exams
- May 30 Underclassmen exams
- Seniors Last Day

1ST HONORS 4.010-OVER)

Seniors: Weslea Arthur, Danielle Ballinger, Mikayla Beegle, Trenton Boatner, Aubrey Bodager, Nicholas Burns, Grace Chupp, Skylar Dawson, Kaylie Dye, Peyton Edwards, Hannah Fricke, Alexis Hall, Raini Hershey, Elizabeth Kanzeg, Nikolas King, Elise Krajcik, Cole Marley, James McLaurin, Cassandra Nutter, Benjamin Pollizi, Kailey Schwartz, Kaitlyn Secrist, Jadah Smith, Claire Vaughan, Olivia Wakefield

Juniors: Colin Agnes, Jordan Allshouse, Claire Bond, Alexander Borton, Joshua Cline, Travis Cochran, Elliot Coffman, James Evans, Jordyn Ference, Zaine Garver, Taylor Howman, Jordan Melegari, Hunter Miller, Karlie Mowrer, Makenzie Nowell, Kaitlyn Praisler, Cal Rhamy, Mehli Rogers, Katherine Shambaugh, Aidan Spittle, Lindsey Sykes, Brock Tegtmeier, Rachel Winkler

Sophomores: Samantha Barnette, Jillian Beun, Eleanore Bond, Gabriel Buchholz, Zane Fast, Mitchell Gray, Cierra Hershey, Elizabeth Howman, Valerie Imhoff, Katherine Linder, Morgan McCoy, Mary Nixon, Halie O'Loughlin, Lariah Severs, Allison Spencer, Riley Stull, Liam Sykes, Briana Troyan, Tamar Walton, Jacob Westover, Haley Wilson, Brooklyn Woodruff, Emma Zemancik

Freshmen: Shayna Allshouse, Jacqueline Barrington, Arianna Borton, Deanna Devore, Avery Garver, Dominic Guidetti, Skyler Hines, Ariel Hughes, Nathaniel Jackson, Riley James, Sarah Miller, James Rowe, Alexus Sandy, Edward Stevens, Ryan Walter, Clara Zemancik

2ND HONORS (3.75-4.00)

Seniors: James Blake, Isabella Flickinger, Isaac Franks, Tori McConnell, Jessica Moats, Alexandra Rowe, Bethanie Schaefer, Shane Smith, Mason Taylor

Juniors: Riley Massengill, Sasha McConahay, Grace McCullough, Abigail Ramseyer, Lydia Smith, Montana Stidham

Sophomores: Wyatt Arthur, Tanner Meininger, Breanna Slanczka, Desiree Smith, Betty Stevens, Megan Tomechko, Hailie Tomsik

Freshmen: Grant Dever, Stefanie Ecker, Gavon Edgell, Laurissa Fulton, Gabe Hendricks, Kathleen Kindall, Jake Newcombe, Rachel Smithberger, Tyler Ward, Steven Widdows

3RD HONORS (3.000-3.740)

Seniors: Alexis Arnette, London Chaffee, Lindsay Ciolek, Avery Crumley, Bobby Flores, Jacey Fulton, Jeffrey Guidetti, Malibu Hess, Cortney Hoff, Nicholas Howman, Kolton Kliner, Christopher Kovacs, Carter Melicant, Cody Morrow, Sydney Pollizi, Joren Rickard, Pedro Rosales, Cael Rowland, Jalen Severs, Joseph Shaw, Nathan Smithberger, Kamy Tope, Hailey Yarbour

Juniors: Austin Beegle, Jayla Berry, Lindsay Boak, Logan Haven, Phillip Howman, Nathaniel Hudson, Savannah Hunt, Isabella Ingraham, Treyton Jester, Allison Kandel, Matthew Kobak, Natalie Mareno, Justin McElfresh, Tia Miles, Leeanna Ruegg, Brock Rush, Gabriel Sarno, Ceili Smith, Kenneth Strait, Matthew Yates

Sophomores: Maxwell Albright, Rilee Ammon, Cassidy Brown, Macey Carlson, Max Carlson, Brandon Casto, Braden Colter, James Cooke, Colston Cutter, Tyler Farner, Gerald Fricke, Brooke Frybarger, Juan Gendron-Olalde, Colton Hixson, Emily Hoff, Rosa Ixcoy-Sica, Ryan Kuhn, Ryan Leasure, Maximillion Madrill, Jason Markley, Cole McClure, Kiley Murphy, Taylor Nixon, Janna Ours, Dakota Rainsberger, Robert Soueid, Hayden Stoller, Nathan Stoltz, Kylie Wellert, Cole Wharton, Noah White

Freshmen: Weston Arthur, Alexandra Burkett-Hostetler, Alexander Ciolek, Rylee Dawson, Addison Desanto, Zoey Dudte, Hayley Franks, D. Loudon Geiger, Ethan Gibbs, Taylor Haley, Mariah Hill, Kyle Hinton, Peyton Hostetler, Kendra Hummel, Faith Jackson, Olivia Keener, Margaret McCullough, Kara McKay, Dugan McLaughlin, Abigail Miller, Jackalynn Mosher, Gunnar Mullet, Cierra Phillips, Emily Reed, Grant Rhamy, Shayna Roder, Tori Rogers, Allison Rowland, Skylar Scott, Zander Shepherd, Andrew Sims, Kaylyn Smith, Thomas Stawicki, Cooper Stephens, Brennen Topp, Dominic Wallace, Austin Wilhelm, Gavin Witucki, Nicole Yutzky

Northwestern Students Excel at District Science Fair

Northwestern students competed and excelled in the District Science Fair on March 23 at Ashland University. Eleven high school students, four middle school students, and three elementary students earned Superior scores which qualified those students for the State Science Fair which will be held May 11 in Columbus, Ohio. The state qualifiers for the high school were Katherine Koontz, Trent Boatner, Grace Chupp, Mackenzie Gray, Brianna Shearer, Jadah Smith, Nick Burns, Nick Howman, Kaylie Dye and Skylar Dawson. The state qualifiers for the middle school were Quinn Fast and Sophie Linder, Gino Guidetti, and Morgan Murphy. The state qualifiers for the elementary were Asher Erf, Kate Johnson, and Kaylee Cherry. Of the state qualifiers, many received perfect or near perfect scores. Northwestern High School students also earned a significant number of the special awards given by the Science Fair Council and other sponsors. Skylar Dawson and Kaylie Dye both received the Interdisciplinary Deans Award accompanied by a \$100 award. Mackenzie Gray received the Cornerstone Behavioral Science Award and the Governor's Award for Biotechnology accompanied by a \$50 award. Jadah Smith received the Charles River Analytical Biochemistry Award accompanied by a \$125 award as well as the Outstanding Student Award accompanied by a \$60 award. Katherine Koontz received the Charles River Analytic Chemistry award accompanied by \$125 award and the Outstanding Student Award accompanied by \$60 award. Grace Chupp received the Charles River General Analytics Award accompanied by \$125 award. In total, Northwestern High School students received many awards and earned a collective total of \$745 in awards for their excellent work on their science fair projects. Northwestern Middle School students also earned some special awards. Quinn Fast and Sophia Linder received the B Weiser Scholarship Award. Virginia Hamers earned the Soybean Award for her work on her Science Fair Project. The following High School students also qualified for the Buckeye Science and Engineering Fair that will be held April 6 in Columbus, Ohio: Trent Boatner, Skylar Dawson, Kaylie Dye, Katherine Koontz, Jadah Smith. Northwestern High School also received the school award for the most students qualifying for State Science Fair as well as the highest percentage of students qualifying for State Science Fair. Overall, Northwestern had a very strong showing and earned many special awards at this year's District Science Fair.

***11 high school students qualified for State Science Fair**

***4 middle school students qualified for State Science Fair**

***3 elementary school students qualified for State Science Fair**

***Many of the State Qualifiers had very high qualifying scores**

***Trent Boatner, Skylar Dawson, Kaylie Dye, Katherine Koontz, and Jadah Smith all qualified for the Buckeye Science and Engineering Fair.**

***Northwestern High School won the award for Most Superiors for a school.**

***Northwestern High School won the award for the Highest Percentage of Superiors for a school.**

High School Special Awards

*Kaylie Dye and Skylar Dawson won the Interdisciplinary Dean's Award including a \$100 award.

*Mackenzie Gray won the Cornerstone Behavioral Science Award and the Governor's Award in Biotechnology including a \$50 award.

*Jadah Smith won the Charles River Analytic Biochemistry Award including \$125 award and the Outstanding Student Award including a \$60 award.

*Katherine Koontz won the Charles River Analytic Chemistry Award including \$125 award and the Outstanding Student Award including a \$60 award

*Grace Chupp won the General Analytic Award including \$125 award.



Middle School Special Awards

*Quinn Fast and Sofia Liner won the B Weiser Scholarship Award.

*Virginia Hamers won the Soybean Award.

In total, Northwestern students received a combined \$745 in awards for their hard work on their science fair projects.



Middle School Calendar DATES!

April 15-19	Spring Break
April 25	Science Testing
April 26	Science Testing
April 30	Math Testing
May 1	Math Testing
May 6	Art Club 2:30
May 7	Spring Band Concert
May 14	Choir Concert
May 15	Jr. Solar Car Race
May 16	Civil War Day
May 20	Art Club 2:30
May 21-24	6th graders to WashingtonDC
May 27	No School Memorial Day
May 28	Art Club 2:30
May 30	8th grade Promotion
	Last day of school

Cheerleading tryouts for fall HIGH SCHOOL football cheerleading and competitive cheer team will be in early May. Please sign up in the office if you are interested.

Do you like to sing, dance, or act? The Wayne County Performing Arts Council is looking for talented youth ages 8-18 for their summer musical production of "Disney's The Lion King, Jr.!" Stop by the office and pick up a flier for audition information.



**Mrs. Rachel
Beun
Northwestern
Middle School
Principal**

MIDDLE SCHOOL HIGHLIGHTS

Welcome to the fourth quarter and the last leg of the school-year! This is an incredibly fun time, where we get to celebrate our students' accomplishments, as well as, highlight the great experiences we had over the year. We are so proud of our students and what they have been able to achieve!

Reflecting over the school year, we have had so many positive experiences for our students from academics to athletics to their activities! It has been amazing to watch our students perform so well in the classroom setting, but to also apply these skills into other experiences. We have several members of HOSA (Health Occupation Student Association) who will be competing at the state level in April, with hopes to make it to the international HOSA competition in Disney World in June. We had a wonderful group of students present at Science Fair at Ashland University, with some students earning their way to the state competition in Columbus! Our Robotics teams have taken off, often ranking highly in their competitions and events. We have a group of students competing in Washington D.C. with their solar sprint cars in June and are excited to see how they do. Our students participating in Ag and FFA have also performed very well in their competitions. Of course, you can't leave out our amazing fine arts performances in Band and Choir, as well as, the wonderful artwork our students are creating and displaying with Ms. Nussbaum. Our Drama Club is also getting ready to perform their spring play, which I am sure will be a hit! (And to think, this only mentions some of our many student accomplishments this school year!!!)

As we complete the school-year, it is important to mention that the end of the year can also feel like the "are we there yet?" time. Anyone who has traveled with young children understands what I am saying- you feel like you are

finally in a groove, travelling smoothly, moving from point A to point B, while your kids in the back are constantly asking if this trip is over.

In school, this looks pretty similar to the last quarter where the teachers continue to instruct great lessons and the students are chomping at the bit to get out of school. Please continue to help support your students during this time by monitoring their academics and behaviors throughout the duration of the year.

Starting this last part of the school-year, we are engaged in scheduling for the following year and state testing. By this time, students have chosen their classes for the next school-year and we are busy putting the giant puzzle of a master schedule together to make those requests happen. In addition, students are reviewing and preparing for the state tests. As you are aware, student performance on these tests impact our school's state rating, funding, and our teachers' evaluations. We appreciate students giving their full effort on these assessments, with hopes that it reflects the hard work all year of both the students and the staff!

Towards the end of the year, we will have students traveling on field trips and engaging in multiple fun experiences. This includes the sixth-grade Washington D.C. trip, which is always an amazing learning experience for our students. We are very excited for this group of students to be able to experience our nation's capital. We are also looking forward to our eighth grade promotion ceremony on the last day of school, where we celebrate another milestone on these students' educational journeys. It is always fun to celebrate their accomplishments in middle school, but to also look forward to their future success at the high school!

Hopefully it is clear how proud we are of our students and what they have been able to accomplish this year. Of course, none of these things would be possible without the collective work and great support from both our staff and families. For that reason, we want to extend our gratitude to our families and their involvement which helps to make all of these wonderful things possible. From your support at home to your support of the school, it becomes clear that our Northwestern parents and families are pretty amazing! Thank you for all of your support through the school-year! We know the hard work and effort it takes to raise wonderful children and we appreciate all that you do from making your children go to bed at a reasonable time to running them from place to place so that they can be involved in activities, to helping them with homework (and bringing it to school when you realize it is still on the table when they leave!). We greatly appreciate the support of our parents and families! Thank you from NMS!

I want to conclude this by also thanking our amazing staff for all that they do for our students, as well. From the countless hours of work they put in throughout the year, to the care and compassion they give our students, we are so fortunate to have such a wonderful and talented staff. I am so happy knowing that our children at Northwestern are surrounded by some of the best educators and individuals out there! Thank you, middle school staff, for all that you do to help our students be their best selves!

Thank you, again, for a wonderful school-year! I feel blessed to be part of such a wonderful school system and community! I am also looking forward to continuing to celebrate all of these wonderful accomplishments and achievements with students, staff, and families, as we move through the fourth quarter! Go Huskies!

Hello Spring 





Mr. Douglas Hopkins
Northwestern Middle School
Assistant Principal

Fourth quarter is finally here. I can't believe that my first year as assistant principal for the middle school is coming to a close. As we look forward we have our AIR testing starting in April. First we test ELA, then Science, and finish the month with Math. Good luck to all our students. We are so proud of all of you and that you get to show what you know! We also have our sixth grade Washington D.C. trip coming up in May and hope everyone has a fantastic time learning about our country's history. Students are preparing their schedules for next year and the middle school is offering some new electives like "Solar Cars" and a new Agriculture class for our eighth graders.

We have done many wonderful activities last quarter and I wanted to share a little bit about them. Our eighth graders had some prosecutors and judges from Wayne County come to our middle school and talk about social media and the unintended consequences of making social media posts or comments. They also talked about making good choices and their experiences with what they have dealt with as a judge. Our students were very attentive and had some excellent questions.

I got to experience for the first time our annual sixth grade auction in early March. It was so fun to be part of something that our community really embraces. There were some outstanding items to be purchased. Believe it or not it was my first auction ever. I also was able to see our FFA run a wonderful breakfast that day too. Thank you to our wonderful community for the support of our kids.

I also attended another choir concert in late February. Northwestern has such a fantastic fine arts program. Our choir students have improved so much from the beginning of the year. Keep up the great work.

Finally, I hope everyone has a blessed

Easter and Easter vacation. I know the students are probably very excited for this break especially after hearing that they won't have to make up a day. Again, I feel so blessed to be part of this district and community.



Sixth grade auction



Mrs. Cutter dancing with students on incentive day at the middle school on the Wii.



Wayne County judges speaking with our 8th graders on social media



Financial Literacy at NMS!!

Room 159 at Northwestern Middle School has been hopping with activity! Students in Mrs. Shelly Dailey's classes have been learning how to budget their money in their Financial Literacy class and how to successfully own and operate a business in Entrepreneurship class.

Northwestern Middle School financial literature students have their mind blown! Through online simulations and role-playing, they realize just how much money they will need to survive independently for one month. Students first experience how to prepare for a job when they answer interview questions, most of which concern soft skills that employees expect them to possess. They become excited when they get the job because they know they will get to earn the money they need to live independently and how much discretionary funds they will get to use.

Once they start making money, they research banks in Wayne County and decide which bank best suits their needs. Students realize that banking in the county is not as free of charge as they expect. Another skill they learn is how to write a check and reconcile their account. An exercise students enjoy is writing checks to their classmates who own a simulated business. The business name is based on their own name and a product or service that is chosen by their teacher, Shelly Dailey. The products or services they sell are based on observations of student interests and connections formed with them by Mrs. Dailey. From this point, excitement builds because they get to spend their earnings when they prepare a budget for a month. They dream of buying a Ferrari until they realize a used domestic car is more realistic.

MS Honor/Merit Roll

Academic Honor Roll 3rd Nine Weeks 2018-19

All "A" Honor Roll

8TH GRADE: Brailee Beun, Florida Blake, Addie Bodager, Jesse Evans, Audrey Franks, Madelyn Fricke, A'Kia Hardin, Nolan Hartsel, Cole Hoffer, Melanie Imhoff, Caitlyn Leighty, Brooke McNeil, Louisa Morris, Ava O'Loughlin, Gavin Phillips, Kylee Purdy, Ava Stoller, Thomas Tomechko, Jacob Wakefield, Paige Walter, Hanna Wilson, Samantha Yates

7TH GRADE: Emma Adkison, Olivia Amstutz, Grant Bond, Kirsten Boreman, Quinn Fast, Alyssah Fisher, Logan Garman, Ellie Hanshaw, Ethan Mausolf, Tristan Miller, Julia Norby, Zoey Oldaker, Jennie Riffle, Ella Saal, Hattie Sciortino, Hunter Sciortino, Cade St. Clair, Kade Tegtmeier, Lillian Wakefield, Jacob Ward, Keturah Weaver, Carissa Whisman

6TH GRADE: Harmony Blake, Karizma Brinker, Sara Corn, Kayla Cutter, Mallory Gilbert, Gino Guidetti, Ella Hartsel, Taya Kaufman, Kelli Kearney, Danina McClure, McKensie McCoy, Morgan Murphy, Logan Shriver, Braydan Springer, Chloe Starcher, Jule Stoller, Alexandra Stoltz

All "A" and "B" Merit Roll

8TH GRADE: Brett Alberts, Della Amstutz, Marina Aulger, Braiden Barthalow, Carissa Brinker, Joseph Buchholz, Brooklyn Buzzard, Gabriel Chupp, Alyssa Cogar, Arianna Firebaugh, Anna Gendron, Madison Gray, Karissa Groves, Kelly Harper, Charlie Herman, Landen Horst, Kayla Hummel, Madison Jester, Lindsey Luther, Jacquelyn McLaurin, Charleigh McMillan, Cody Neubeck, Grace Noble, Paige Pellshaw, Daylie Rickard, Joshua Spencer, Mariah Thompson, Shelby Thorpe, Isabella Vacco, Lauren Vaughan, Danielle Wilkes

7TH GRADE: Kaleb Badger, Brandon Barnette, Leona Buettner, Kara Burgan, Hayden Cline, Drake Crumley, Rylie Dugan, Jacob Farner, Ca, den Fiala, Virginia Hamers, Gavin Hines, Owen Hoffman, Madalyne Hunt, Mikalah Jones, Sophia Linder, Caleb Mackey, Faith Maiher, Alexzander Maxwell, Gabriella Ream, Caydence Scale, Napatsawan Tangman, Luke Walton, Paige Webb



7TH continued: Anthony Welch, Jonathon Widows, Benjamin Williamson

6TH GRADE: Kristanna Bradford, Brooklyn Brinker, Cheyann Constance, Gabriela Cubur, Braiden Franks, Bladen Friend, Jamison Gilbert, Ashton Good, Blake Good, Kaylie Gregory, Elaine Groves, Will Hamey, Ayden Hendricks, Danyel Hyatt, Noah Lee, Cole Loy, Colton Mark, Lacey Mark, Sydney McConahay, Mason, Meininger, Josiah Moats, Paige Muetzel, Avery, Mullet, Kalyn Nelson, Katherine Orosz, Emilie Ott, Tyler Perry, Cheyenne Sadler, Emma Salem, Miranda Smith, Benjamin Spencer, Bella Stutz, Alysa Troyan, Jailynn Woodruff, Taylor Wurst

Financial Literacy at NMS - continued

They research the cost of housing, utilities, personal transportation, and unexpected mandatory expenses. They use web sites from Walmart, Aldi, and Buehler's to compare prices of groceries. Students also learn about using credit cards and obtain and paying back a loan. All of this culminates in seeing how much money they have left at the end of the month. If they have any discretionary money, they get Dailey Dollars that are spent purchasing symbolic items. A box of Good and Plenty candy represents a night at the movies. A Hot Wheels car in the package is equal to a car payment for a new car but one out of the package represents a used car. These simulations are completed with the intention of students wanting pursue employment and independent living. Entrepreneurship students are learning that the business world goes beyond playing Monopoly. Students begin by having a lemonade stand where they are the sole employee and set prices based on cost of supplies needed, recipes, and the weather.

They then build up to owning a small business based on their interest and are responsible for one employee. At this point, they start to realize the bigger the business, the more responsibility they have. Next, they create a mid-size business. This business requires a business plan based on research of the market, competition, seed money, and location availability. In this business, two to ten employees are hired. The student as the owner must gather data to complete reports of profits or losses, strategies of how to win over customers from their competitors, and, just as important, their own stress. If their own stress becomes too high, a tragedy occurs and they are forced to take time off and have their employees run the business. By this point in the class, students have usually decided if they want to take on the stress and responsibility of being an entrepreneur or if they would rather become a productive employee.



Maddy Hunt and Emma Adkison get their results from their job interview in Financial Literature Class. (Emma is out of character. She is always smiling.)



Braiden Barthalow and Gavin Phillips are putting into practice what they learned in Entrepreneurship Class.

NMS Highlights !!



To kick-off our spring PTO Krispy Kreme fundraiser, staff engaged in a donut-eating contest to get students excited to sell these delicious treats. From left to right you have the reigning champ, Mr. Woodring, as well as, Mrs. Warner, Mrs. Gortner, and Mr. Kimmich.



Anna Gendron art at the Jr. High Art Show



Junior Solar Sprint car National finalists



Great Discount Game in 6th grade math class (learning %off, discounts)



Robotics team at Kalahari competition



Rural STEM Collaborative's Five Districts AEOP Junior Solar Sprint Car Competition

Mapleton Middle School hosted the Rural STEM Collaborative (RSC) 's Five Districts AEOP Junior Solar Sprint (JSS) Car Competition on February 14, 2019. To take part in the day, they invited rural member sites from Black River, New London, Northwestern and Wellington to bring their top teams in grades 5 through 8 to compete in their second annual competition. The five-district competition at Mapleton Middle School provided students, teachers, and parents with a simulation of what happens during the national Junior Solar Sprint Car competition, held by the Technology Student Association (TSA) and Army Education Outreach Program (AEOP). The national competition will be held in National Harbor, near Washington, D.C., from June 28-July 2. These participating five districts, which are part of the RSC, are the only school districts representing Ohio in the national competition.

While competing at Mapleton, students completed time trials for placement on a 36 team bracket with single elimination. They problem-solved their car designs to perfect the performance of their cars, using batteries for this competition. In addition to racing, students had the opportunity to collaborate with other area students, comparing their car designs and sharing their thoughts and ideas. "This is a great opportunity for the students. They start building cars in the fall and problem-solve with battery-powered cars to race at the district competition. When students have extra time they work in my classroom. They spend hours of time working on these cars and practicing. They enjoy solving problems and comparing car designs," Karen Raber, 6th Grade Science Teacher at Northwestern Middle School.

Middle School Sprint Car continued

On May 15, the top two teams from each school will meet at Northwestern Middle School to practice for the national competition. At this event, students will race with solar power panels rather than batteries. In addition, students will also share written reports and student-made displays, which will be judged with a rubric for the national competition. The opportunity to compete again at Northwestern Middle School, will further benefit students by providing them with additional racing experience, increased practice time, and further collaboration with other area students and staff.



The Junior Solar Sprint Car 8th grade team of Sammy Yates, Paige Walters, Florida Blake, and Lindsay Luther will be competing at the National competition June 28 - July 1, 2019 in National Harbor, Maryland. Northwestern Middle School will hold a district competition on May 15 to practice for the National Competition. The top teams from Mapleton, Black River, New London, and Wellington will race, judge reports, and displays to prepare for the National Competition.

Would you like to stay updated with what is happening in the middle school art room? Then follow Miss Nussbaum at nmsart140 on Instagram! Posted will be pictures of current projects, art club activities, art shows, fun contests, artist inspiration, and occasionally classroom shenanigans! The page is public so you can view it even if you do not have an account!



Sixth Grade Washington DC Fundraiser - Winner of 90 second Buehler's Shopping Spree

Morgan Ervin (6th grader) sold the winning ticket to Marcia Cornelius. Mrs. Cornelius daughter, Tracey Knuth, ran through the store and they almost got \$300 worth of groceries.



On Saturday, March 23rd, 20 NMS students took 16 projects and competed at the Mohican District Science Day held at Ashland University. Of the 16 projects, 12 of the projects earned Excellent ratings with 4 projects earning Superior ratings. Those 4 projects belonged to Quinn Fast, Sofi Linder and the team of Gino Guidetti and Morgan Murphy. These students have the opportunity to attend the State Science Day at The Ohio State University on Saturday, May 11th. Three NMS students received special honors due to their projects. Quinn Fast and Sofi Linder each earned a \$100 scholarship to The College of Wooster's Buckeye Women In Science, Engineering, and Research Institute held this summer. Virginia Hamers earned the \$100 Ohio Soybean Bioscience Award. All NMS 6th and 7th graders that competed earned an invitation to the 2019 Ashland University Summer Science Camp for students in grades 6 and 7 this July.

Congratulations to all students for your tremendous effort and hard work! We are so proud of you and all you have accomplished!



NW ELEMENTARY



**Mr. Joey
Brightbill
Northwestern
Elementary
Principal**

Message from Mr. Brightbill

Spring is finally here! We are preparing for one of the busiest times of the year at Northwestern Elementary. The testing season is upon us, as well as, looking at schedules for next year and keeping our academic focus to finish this year on a positive note.

I would like to personally “Thank” our PTO for supporting our students and purchasing MobyMax for our building. As we focus on a blended learning style approach in all the classrooms PK-5, technology is a very useful supplemental tool to go along with instructional strategies. Moby Max allows for individualized lessons, differentiation and fill in the learning gaps for our students. Students can access MobyMax at home and school 365 days a year. This program will be utilized throughout the building for all subjects for our students to achieve success and raise their achievement scores. For more information about the program visit www.mobymax.com. The purchase of this program would not be possible without the continued support from our PTO.

State Assessments will be given in the morning for the first few hours on the scheduled dates below. It is important to be on time for school so students don’t miss the tests. After the tests are completed, we will run an adjusted schedule to ensure that students will get all of their academic classes for the remainder of the day.

Listed below are the tested subjects and dates per grade level.

For more information on the test and help to prepare visit <http://oh.portal.airast.org/ocba/students-and-families/>

Test	Grades	Date
ELA	3-5	April 2 & 3
Math	3-5	April 30 & May 2
Science	5	May 7 (both parts will be given AM & PM)

With this being the final quarter of the year, it’s always a great time to remind students to keep their academic focus. This is a common time that students begin to lose focus as the end of the year gets closer. We want to finish the year on a positive as it takes a team effort to keep student focus at the front. Thank you all for your continued support for Northwestern Elementary School.

*Joey Brightbill
NES Principal*

Northwestern Elementary School

PTO has had a busy and successful year so far. Thank you to all the families and teachers that that have volunteered time, made donations and supported the PTO. We have had two successful Box-Tops drives this year, which help to provide extra resources for our students and teachers. Our Box-Tops mailbox in the elementary school library is still available, and there are drop boxes at the West Salem IGA, West Salem library and the Neighborhood Pantry...keep saving those BoxTops all summer!

The annual Scholastic Book Fair was held at the beginning of March, and by the time you read this, another Fun Fair will be in the books. Our students will have enjoyed another year of games, prizes, goldfish-and of course, Spinning Wheel baked goods! This event is an important source of funds that allow PTO to continue to meet the needs of our students and teachers.

Fun Fair could never happen without the tremendous support of the community-our teachers, families and local businesses are all essential. We always need people to volunteer to staff the game stations, help with set-up, and collect business donations. We would love to have you join us next year!



PTO will meet next on Tuesday, April 9th. If you have ideas to share or questions to ask, or just want to listen quietly, please join us in the Elementary School library at 4:00. Thanks for your continued support!

Deputy Chellis teaching TAG students how to lift finger prints as part of their Crime Scene Investigation.



Northwestern Elementary

Kindergarten students had a great time at the sugar shack learning about the process of making maple syrup from our 5th grade friends!



Mrs. McCullough's first grade ELA class working in Google Classroom on their research presentations.



During exploration, the **STEM pre-school** has learned how to follow a step by step manual, using their hands to create different types of machines. Clayton created a windmill following five step directions.



On March 11 the sap began to flow steadily over the last couple days. The 5th graders gathered close to 300 gallons of sap. The evaporator was going full throttle today.



Mrs Tiano's kindergarteners reading their Dr. Seuss plays to Mrs. Fish's morning Stem Preschool class.



Elementary Highlights

Second grade celebrating Dr. Seuss



Mrs. Besancon's 5th graders making electromagnets.



Columbus Children's Theatre was at the elementary on Monday, Feb. 25th. They performed "Miss Electricity".



Progress In Education (PIE), these 4th grade students completed the 4th grade Aleks math program. They enjoyed pie with the principals.



Northwestern Alumni & Friends Association

The Northwestern Alumni & Friends Association met February 14th at Jake's. After a Valentine dinner, a business meeting was held. Members discussed where to hold this year's banquet since the high school will be having repairs completed right after school lets out in early June. One possibility is the Chester Elementary School across the street. More information will be forthcoming as the Planning Committee is able to make a determination in regards to a banquet location.

Other business being discussed by the NWFA is nominations for the HOH/HOF. Nomination forms can be downloaded on the school's website under the 'alumni' tab. Hall of Fame members are Northwestern alumni who have made contributions in and beyond the school district. Hall of Honor members are local individuals (alumni or non-alumni) who have provided community leadership, service, business, and involvement substantially.

The NWFA would like to express our deepest condolences to the family of Gerald "Jerry" Reeves. Jerry's contributions to the banquet planning committee were unmatched. Jerry was instrumental in providing a delicious meal for the banquet every year.

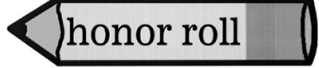
Written and submitted by Anne Funk-Chance



Middle School Student of the Month Breakfast. Our character word of the month was Integrity and these students were chosen for their integrity by their teachers! Congratulations

Northwestern Elementary

**3rd Nine Weeks
2018-19**



3rd GRADE HONOR ROLL

Jared Allshouse, Nathaniel Baker, Kenzie Cutter, Briella Fiala, Wyatt James, Afton Karazsia, Case Keener, Grant Koch, Keagan Kostohryz, Alexa Perry

4th GRADE HONOR ROLL

Emma Altman, Aiden Mausolf, Lucas Mooney, Clara Saal, Taryn Stoller

5th GRADE HONOR ROLL

Kaylee Cherry, Addy Connelly, Emma Connelly, Makenna Connelly, Christian Deffendall, Jacob Ebert, Asher Erf, Wesley Stoltz, Claire Walker

3rd GRADE MERIT ROLL

Emily Beeghley, Alexis Black, Deacon Boreman, Taylor Carpenter, Mette Clark, Courtney Cline, Jordan Cline, Justin Ebert, Gracie Gibbs, Cara Graham, Bruce Grier, Leo Guidetti, Braden Gump, Colt Hall, Taryn Hall-Cravens, Keaton Harris, Cole Herrmann, Brooklyn Howell, Elcey Imhoff, Michael Ivan, Bella Justus, Kellen Kimble, Finn Massengill, Colton McCloud, Colton Morris, Emma Olson, Bronson Rogers, Katie Scarbrough, Hailee Smith, Madilyn Smith, Brayden Swank, Kael Vallowe, Brynley Weirick, Gracey Wigal, Kashmiere Woods

4th GRADE MERIT ROLL

Laci Butler, Riley Damon, Garrett Diehl, Elaina Donnelly, Shayla Dudte, Ryleigh Farner, Madi Frazier, Emma Fricke, Riley Grier, Reed Hamey, Jake Howman, Olivia Humphrey, Austin Kovacs, Trista McQuerry, Sophia Morris, Owen Murphy, Brooke Nolletti, Charlotte Radcliff, Jace Rickard, Alexi Ridenbaugh, Timothy Spencer, Autumn Stamp, Makenna Stansfield, Kezie Weaver, Abigail Webel, Alivi Welch, Allie Wellert, Michael Weygandt, Audrey Wilcox, Luke Wilkinson, Elijah Wilson, Grace Wilson, Noah Wilson, Carter Wulff

5th GRADE MERIT ROLL

Sophia Ahrendt, Kierah Bailey, Camryn Boak, James Cassidy, Addie Cassidy, Corbin Chanay, Kate Conley, Nick Coots, Evan Crank, Jason Diehl, Jackson Evans, Logan Fiala, Cheyenne Friend, C.J. Frybarger, Pippy Garman, Mason Gray, Coralyn Hall, Timmy Hatfield, Kace Hixson, Chad Houck, Austin Johnson, Kate Johnson, Gabi Klinec, Brayden Knapp, Anna Lizarraga, Savannah McConahay, David McLe, Kolten McKinley, Chet McNeil, Mason Rogers, Mia Rosales, Collin Rouse, Olivia Scarbrough, Hayden Sigler, Kelsee Smith, Audrina Smith, Josey Thomas, Dylan Tomsik, Alaric Trimble, Elliot Vanni, Holly Widdows, Cyrus Witmer, Audri Yeagley

Now that your kindergartner is off to school, do you still have little ones at home or are you expecting another baby? **Ohio Help Me Grow** supports children and their families through its two programs: **Help Me Grow Home Visiting and Help Me Grow Early Intervention.** Check out the brochure on the Elementary School Web Page!!



Northwestern FFA



Northwestern FFA Participates in Wilmington Judging Contest

On Wednesday, March 2, 2019 members of the Northwestern FFA Chapter participated in the Dairy Cattle and General Livestock contests. The Dairy Cattle Judging team consisted of Lizzy Howman, Kara McKay, Dugan McLaughlin, Riley Stull and Kade Tegtmeier. They placed 9th as a team. The dairy cattle judging CDE requires students to select and place quality dairy cattle. Students will be challenged with pedigree evaluation, sire selection, a written test, placing classes and written class reasons.

The General Livestock Judging team was made up of Abby Ramseyer, Tori McConnell, Cody Morrow, and Craig Wellert. The team placed 32nd overall. The general livestock CDE teaches students to evaluate and place different livestock animals, as well as answer questions about each class. Some of the classes have blind questions, where members take notes on the class and are asked to remember things about that class of livestock once they leave the ring. Members evaluate swine, beef, sheep, and goats.

These members have put in hours of studying, and we wish them luck at the state contest at the end of the month.

Northwestern FFA Judges at Ashland

On Saturday, March 17th Northwestern FFA Chapter members traveled to Ashland for Milk Quality and Products, General Livestock, and Equine Judging contests.

The Milk Quality and Products judging contest requires members to identify types of cheese, identify defects in 10 milk samples, test milk for mastitis, and identify fat content in different types of fluid dairy products based on the taste. Jadeyn Berry, Alex Borton, Ari Borton and Valarie Imhoff competed on Saturday. As a team, they placed 1st overall. Individually, Berry placed 11th, Alex Borton placed 2nd, Ari Borton placed 8th, and Imhoff placed 18th.

Northwestern FFA Competes in State Ag Sales

On Tuesday, March 5, 2019, members of the Northwestern FFA Chapter competed in the State Agricultural Sales contest held at Marysville Armory. Jadeyn Berry, Dugan McLaughlin, Cody Morrow, Brock Tegtmeier, and Claire Vaughan competed. Through this CDE, students have the opportunity to demonstrate skills in sales by participating in a wide range of activities oriented around the total sales process. Students complete an oral sales presentation, a written test on marketing, and a customer relations practicum. Each year, the practicum is rotated between Customer Relations, Prospecting, and Telephone Ordering. The team placed 8th overall out of 20 teams. Individually, McLaughlin placed 60th, Morrow placed 34th, Tegtmeier placed 34th, and Vaughan placed 33rd. The chapter would like to congratulate these members for their hard work and dedication for this CDE.

Northwestern FFA Competes in Judging at ATI

On Saturday, February 23rd, members of the Northwestern FFA Chapter competed in the General Livestock judging contest held at OSU ATI.

The chapter had the opportunity to take a team to the general livestock judging competition on Saturday. The team consisted of Abby Ramseyer, Cody Morrow, and Craig Wellert. This team placed 11th out of more than 50 teams with Cody Morrow placing 12th as an individual. The General Livestock judging career development event is an educational program designed as a practical method of teaching students to recognize quality production animals. The skills students learn in evaluating general livestock should make them better livestock producers and consumers by giving them practical experience in identifying and understanding characteristics that affect production and quality.

This team will be competing in many more contests throughout the Spring season, and is hoping to have success at the state contest at the end of March.

Northwestern FFA Judges at Marysville

On Saturday March 2, 2019, members of the Northwestern FFA Chapter traveled to Marysville for the spring judging contests. Members participated in contests including Milk Quality and Products, General Livestock, Equine, Dairy Cattle, and Wildlife Judging.

The Milk Quality and Products judging contest requires members to label types of cheese, identify defects in different milk samples, test milk for mastitis, and identify different types of dairy products based on the taste. Jadeyn Berry, Alex Borton and Ari Borton competed in the Milk Quality and Products judging contest. The team placed 9th overall.

The general livestock team was made up of Abby Ramseyer, Zoey Dudte, Tori McConnell, Cody Morrow, and Craig Wellert. The team placed 32nd overall. The general livestock CDE teaches students to evaluate and place different livestock animals, as well as answer questions about each class. Some of the classes have blind questions, where members take notes on the class and are asked to remember things about that class of livestock once they leave the ring. Members evaluate swine, beef, sheep, and goats.

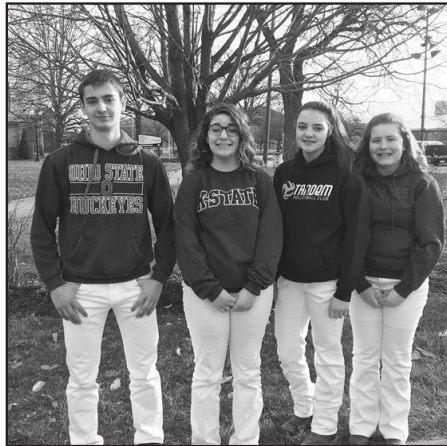
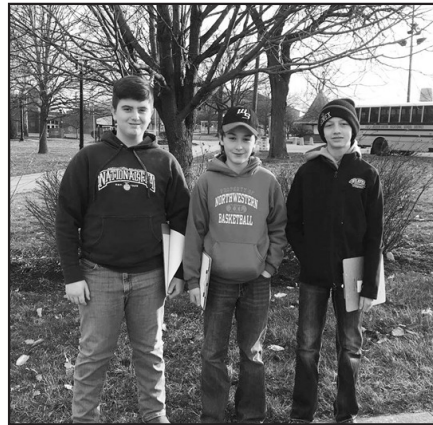
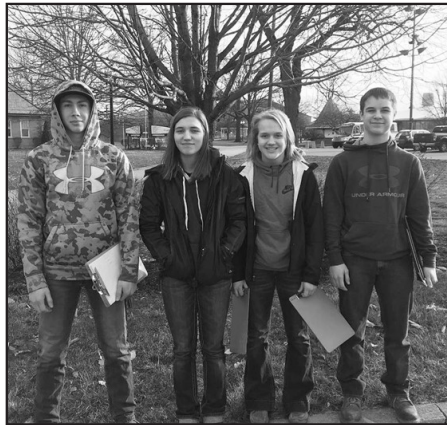
The dairy cattle team consisted of Lizzy Howman, Kara McKay, Dugan McLaughlin and Riley Stull. They placed 9th as a team. The dairy cattle judging CDE requires students to select and place quality dairy cattle. Students will be challenged with pedigree evaluation, sire selection, a written test, placing classes and written class reasons. These contests are great opportunities for members to expand their knowledge about an interested topic as well as introduce them to a potential career field.

FFA News!!!

The career development events also allow members to take what they learn in the classroom and apply it to real-life situations. The judging teams will be preparing for the state competition on March 23, 2019.

STATE DAIRY CATTLE AND DAIRY HANDLERS CDE!!

The HS dairy cattle kids earned a spot in the Finals as a Top 10 team, they will compete on April 26! The MS kids finished 4th in the state and the 4 Dairy Handlers rocked it out as well!!!



March Ag in the Classroom!!

Learning about plants and soil.



**Northwestern Local Schools
Calendar 2019-2020**

2019

Monday, August 19	Convocation Day
Tuesday, August 20	First Day for Students
Monday, September 2	NO SCHOOL - Labor Day
Monday, September 9	NO SCHOOL - Fair Day
Tuesday, September 10	NO SCHOOL - Professional Development Day
Wedn., September 11	NO SCHOOL - Waiver Day
Friday, October 18	End of First Nine Weeks (41 Pupil Days)

Thursday, October 24	Parent/Teacher Conferences: H.S. and M.S.
Mon./Thurs., Oct. 28 & 31	Parent/Teacher Conferences: Elementary
Thursday, November 28 thru	NO SCHOOL - Thanksgiving Vacation
Monday, Dec. 2	NO SCHOOL - Thanksgiving Vacation
Friday, Dec. 20	End of Second Nine Weeks (42 days)

Monday, Dec. 23	NO SCHOOL - Christmas Vacation
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2020

Wednesday, January 6, 2020	School Reconvenes
Thursday, January 9	Parent/Teacher Conferences: H.S. and M.S.
Monday, January 20	NO SCHOOL - Martin Luther King Day
Tues./Thurs. Jan.28 & 30	Parent/Teacher Conferences: Elementary
Friday, February 14	NO SCHOOL - Compensatory Time
Monday, February 17	NO SCHOOL - President's Day
Friday, March 13	End of Third Nine Weeks (47 Pupil Days)

Thursday, March 19	Parent/Teacher Conferences; H.S. and M.S.
Monday, April 6-10	NO SCHOOL - Easter Vacation
Monday, May 25	NO SCHOOL - Memorial Day
Thursday, May 28	Student's Last Day (48Pupil Days)

Friday, May 29	Teacher's Last Day
Sunday, May 31	Graduation

** Student contact days 178 (PD Waiver 2 student contact)

P-T Conference & Open House days 2

Professional Development day 1; Convocation and Work days 3 (1 day between Aug. 1 & 18)

MAKE UP DAYS

May 29, June 1,2,3,4 in order



DON'T MISS OUT !!

Board of Education Meeting

Board President Laura Woodring
3rd Monday each month 7:00 p.m.
HS Library

All Sports Association

President Janet Alberts
1st Monday each month 7:30 p.m.
HS Commons

Music Boosters

President Audrey Pollizi
3rd Tuesday each month 7:00 p.m.
(Do not meet June, July, December)
HS Band room

Ruritans

President Chuck Beck
2nd Monday each month 7:00 p.m.
HS Commons

Football Club

President Craig Wellert
3rd Monday each month 7:00 p.m.
HS Commons

Soccer Club

President Steve Wellert
1st Tuesday each month 6:00 p.m.
Elementary Cafeteria

Elementary PTO

President Kim Witucki
Meetings 3:45 ES Library - TBA



Northwestern Local School District... over a decade of Excellence & Innovation

Northwestern Schools are very appreciative of our many collaborations. The success of Northwestern programs is well documented. We are emulated by many school districts across the state and followed closely by numerous Ohio businesses and post-secondary partners. We continue processing in our PBL (Project-Based Learning) for growth and continued excellence K-16 and in Preschool - including foundational reading and math throughout STEM areas, core subjects, electives and fine-arts.

We are especially proud of our innovative project-based learning environment, required 12th, 8th, 5th grade Career Capstone courses, Agri-Science programs, STEM programs, Husky Huddle Advisor-Advisee, Pre-Apprenticeship, Internship, 7-12 Career Pathways, 3,000 sq. G.

Greenhouse and Clean Energy Lab, as well as our new STEM Preschool and our "Innovation Station" District STEM Lab.

Northwestern Local Schools was the FIRST district in the State of Ohio to be a K-12 Designated STEM School District!



NW ELEMENTARY

Aligned to Pre- Kindergarten Standards

Life Science, Matter, Healthy Habits & Spatial Sense and Coding

Aligned to Kindergarten Standards

Structure and Function, Pushes and Pulls, Structure and Function: Human Body & Animals and Algorithms

Aligned to First Grade Standards

Light and Sound, Light: Observing the Sun, Moon, and Stars, Animal Adaptions & Animated Storytelling

Aligned to Second Grade Standards

Materials Science: Properties of Matter, Materials Science: Form and Function, The Changing Earth & Grids and Game

Aligned to Third Grade Standards

Stability and Motion: Science of Flight, Stability and Motion: Forces and Interactions, Variation of Traits & Programming Patterns

Aligned to Fourth Grade Standards

Energy: Collisions, Energy: Conversion, Input/ Output: Computer Systems & Input/ Output: Human Brain

Aligned to Fifth Grade Standards

Robotics and Automation, Robotics and Automation: Challenge, Infection: Detection & Infection: Modeling and Simulation



Junior Solar Sprint Competition

In this program, the students collaborate with a peer to design and build a solar car. Using the design process students research car designs, gear ratio, aerodynamics, and solar energy. Students build a preliminary model to test and make modifications.



NW MIDDLE SCHOOL

Middle school is a time of exploration, a time when students are figuring out what they're passionate about today and how that relates to who they'll become tomorrow.

During this transitional time, our STEM programs empower students to lead their own discovery. The hands-on program boosts classroom engagement and excitement, drives collaboration, and inspires "aha! moments" and deep comprehension. And as students engage in our project-based activities in computer science, engineering, mathematics and biomedical science, they see a range of paths and possibilities they can look forward to in high school and beyond.

- | | |
|------------------------------------|-------------------------------|
| 3 D art | Health and wellness |
| Ag | Historically Speaking |
| Art history | Lab Science |
| Coding | Medical detectives (PLTW) |
| Community art | Photography |
| Computer science (PLTW) | Printmaking |
| Design and modeling (PLTW) | Robotics |
| Energy and the environment (PLTW) | Science and society |
| Entrepreneurship | Studio art |
| Exercise science Exploring | Science of technology (PLTW) |
| Electricity Flight and space | Zoology |



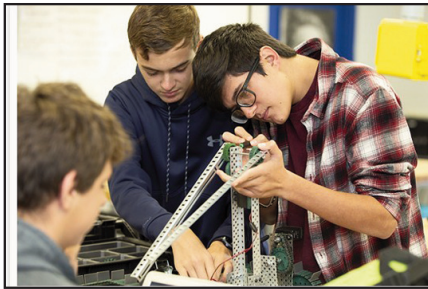
Middle School Photos



NW HIGH SCHOOL

ENGINEERING

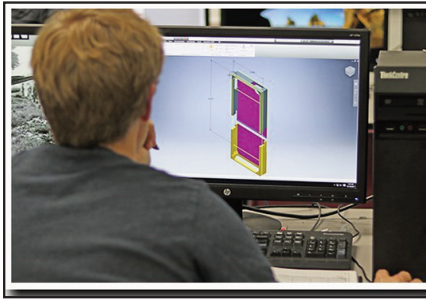
From launching space explorations to delivering safe, clean water to communities, engineers find solutions to pressing problems and turn their ideas into reality. PLTW Engineering empowers students to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers. The program's courses engage students in compelling, real-world challenges that help them become better collaborators and thinkers. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.



COMPUTER SCIENCE

At a time when computer science affects how we work and live, PLTW Computer Science empowers students in grades 9 - 12 to become creators, instead of merely consumers, of the technology all around them.

The program's interdisciplinary courses engage students in compelling, real-world challenges. As students work together to design solutions, they learn computational thinking – not just how to code – and become better thinkers and communicators. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career



CLEAN ENERGY

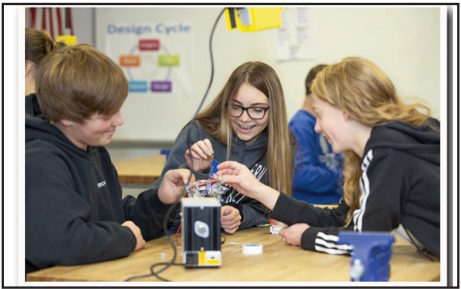
The Clean Energy Pathway is a hands on experience that allows students to have an authentic engineering experience blended with the new and upcoming green initiatives. This curriculum also allows students to develop a relationships with professionals in the growing Clean Energy Field. The Clean Energy Courses allow students to be college and career ready.



BIOMEDICAL

Whether discovering new cancer treatments or teaching healthy lifestyle choices to their communities, today's biomedical science professionals are tackling big challenges to make the world a better place.

PLTW Biomedical Science students are taking on these same real-world challenges – and they're doing it before they even graduate from high school. Working with the same tools used by professionals in hospitals and labs, students engage in compelling, hands-on activities and work together to find solutions to problems. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.





NW HIGH SCHOOL

AGRICULTURAL SCIENCE

Career- technical programs in animal and crop production, agricultural services and engineering, food processing, horticulture, natural resource management, environmental services, agricultural and environmental education, communications and research.



FAMILY AND CONSUMER SCIENCES

Family and Consumer Sciences (FCS) is a set of courses that draws from a range of disciplines and contexts (education, business, social, economic, cultural, technological, geographical, political) to achieve optimal and sustainable living for individuals, families and communities.



3,000 sq. feet Greenhouse
Our Greenhouse is run and operated by our Agricultural Education Dept.

Wind Turbine Solar Array
Geothermal Hvac system Biofuel Plant
Hydroponics Plant-Talapia system

BUSINESS ENTREPRENEURSHIP

Technical and professional level careers in business management, administrative support, human resources, business administration, legal management and medical management.



TEACHING PROFESSIONS

This pathway provides a set of courses designed for students interested in pursuing a career in education. Courses are centered on skills such as human growth and development and principles of teaching and instruction.



NORTHWESTERN GREENHOUSE



Our STEM Partners





FFA State Dairy Judging!



High School Science Fair Superior Awards and Special Award Winners

Katherine Koontz, Trent Boatner, Grace Chupp, Mackenzie Gray, Brianna Shearer, Jadah Smith, Nick Burns, Nick Howman, Kaylie Dye and Skylar Dawson

***** **THE Northwestern** *****

Editor, Diane J. Hannah
 If you have information that you would like in this newsletter, please contact Diane Hannah through email:
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 djleehannah52@gmail.com



“The Northwestern” newsletter deadlines for 2018-2019 will be: June 5
First deadline for 2019-20 will be July 25



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