PERSPECTIVE

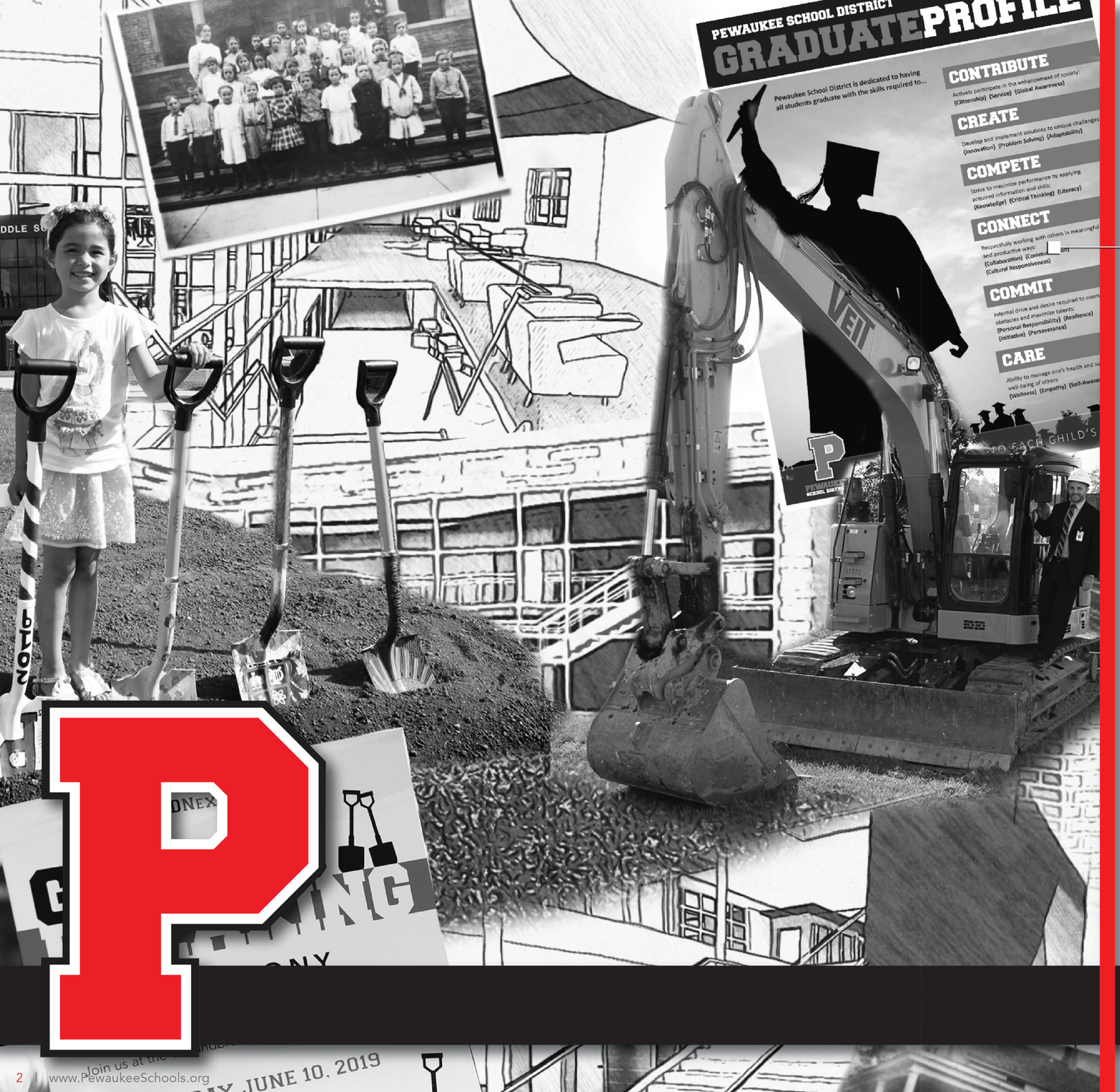
FALL/WINTER 2019

EXTENDED LEARNING DAYS

STEAM INNOVATION CENTER

PROVIDING REAL WORLD EXPERIENCES

OPENING THE DOOR TO PEWAUKEE SCHOOL DISTRICT EACH CHILD'S FUTURE



MIKE CADY, PhD
SUPERINTENDENT OF SCHOOLS

Workforce skills have been a growing concern in the United States for many years. Now technology demands new and higher-level skills, including critical thinking, creativity, and socioemotional skills. The skills needed in fast-growing STEM roles, in particular, are continuously evolving. The old model of front-loading education early in life needs to give way to lifelong learning. *(McKinsey Global Institute. (2019) The future of work in America: People and places, today and tomorrow.)*

In a 2019 report on the future of work in America, occupations in health care, STEM (Science, Technology, Engineering, & Mathematics) careers for "creatives," and the arts topped the list of those with the greatest projected growth between 2017 and 2030 (McKinsey Global Institute, 2019). In addition, it is projected that individuals with a high school diploma or less will be four times more likely to be displaced from work by new technologies and automation in the future compared to individuals with education beyond high school. A focus on life-long learning and development of technological, social-emotional, and higher cognitive skills are high priorities for the Pewaukee School District **as we work to meet our mission to open the door to each child's future.**

In an effort to ensure we provide a rigorous and relevant 21st century education for students,

we have defined characteristics in our district Graduate Profile that includes the categories of Contribute, Create, Compete, Connect, Commit, and Care. We believe this profile helps frame a more comprehensive and forward thinking vision of what our graduates need to be successful in 2020 and in the years to come

These ideas are **impacting the design of our new spaces** such as the development of the STEAM Innovation Center at Asa Clark Middle School as well as the infusion of Makerspaces and innovative technology in all schools. These spaces will help teachers collaborate across disciplines and engage students in active learning. In this way, students learn that real work involves applying concepts from multiple disciplines as opposed to more traditional experiences in which students learn subjects in isolation from one another.

Beyond the innovative design of the physical spaces on our campus, our curriculum and instructional practices are evolving to support more authentic and progressive learning experiences for students. A few specific examples include:

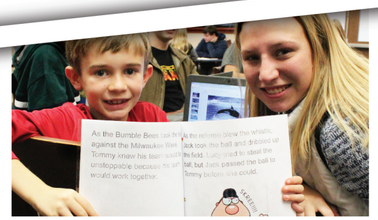
- the implementation of a **K-12 coding and computer science** curriculum that will help all students develop an understanding of the language of technology and build problem solving skills;
- the addition of a **STEAM course for all 6th graders** that exposes all students to concepts of engineering and provides experiences applying concepts of design thinking ;
- the infusion of **design thinking practices** for all students across all grade levels so they develop their ability to identify problems and use iterative processes to design solutions helpful to themselves and others;
- an emphasis on **authentic learning** in which students connect with individuals or organizations in our area to engage in service opportunities and real world projects.

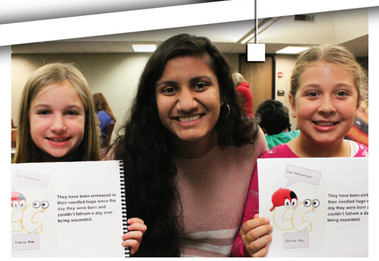
We know that our school system needs to innovate and evolve to set our students up for future success. This issue of the Perspective provides a variety of examples of how we are striving to meet that challenge.

PEWAUKEE LAKE ELEMENTARY

A SUCCESSFUL COLLABORATION FOR THE BOOKS

One of the many benefits of having all four of our schools on one campus is the convenience of collaborating and building relationships throughout grade levels. Mrs. Thoma's PHS English students and Mrs. Duerwachter's 3rd graders did just that as they worked together to create their dream storybook. This time, the high school students wrote a story inspired by the 3rd graders' interests. The partnership will continue with the PLE students writing a fairytale story in return. Check out some of the 3rd graders' favorite pages from their books! Great job, everyone!





THE PLE "SOUND PROJECT"

The PLE Makerspace is a popular area for our students to unleash their creativity and work on their fine-motor skills. But because the space is located in the library, we knew we needed to find an innovative way to reduce noise.

Introducing "The Sound Project": A school-wide activity that resulted in a beautiful yet practical addition to our PLE library for this school year! A big thank you to each grade for their contribution and hard work:

Kindergarten: Sorting, Sanding, and Painting
1st Grade: Sanding and Painting
2nd Grade: Measuring, Sanding, and Painting
3rd Grade: Sanding, Painting, Drilling, and Assembly

This project would not have been possible without our incredible PLE staff, especially Julie Purney, Sara Gull, and Sarah Torbenson!

If you have visited campus lately, you will have noticed that the PLE's former courtyard is now occupied by connecting classrooms creating a flat facade to the school. Because of a few of our selfless and generous 3rd grade teachers who relocated to Horizon early, we were able to get a "jump start" on the renovation work to the third grade wing. The whole 3rd grade department even dressed up as construction workers for Halloween to joke about the situation!

CONSTRUCTION UPDATE

BALLOONS OVER PLE

Continuing their annual tradition, first graders put on a festive parade entitled "Balloons Over PLE" to tie in with the children's book "Balloons Over Broadway," which was being read to them to learn how the Macy's Thanksgiving Day Parade began (you'll have to get a copy and learn for yourself).

The students used their "how-to" writing unit and the "design thinking process" to create their own balloon designs. One of the biggest challenges was keeping in mind the weight of the balloon while still being creative with their end product. The day before Thanksgiving break, the group treated their school to an amazing pre-Macy's Thanksgiving Day Parade! **The PHS Band also accompanied them through the hallways playing our school song.** What a fun tradition!

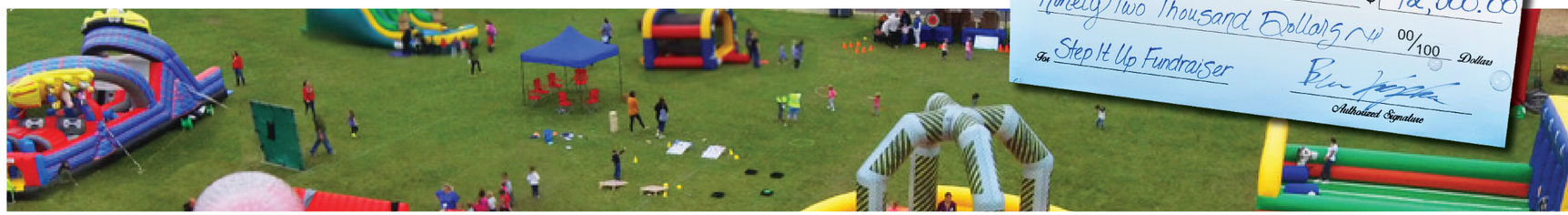
A "DAY OF AWESOMENESS"

The Annual Fall Fundraiser that students at PLE, Horizon and ASA recently participated in got a makeover this year! The Pewaukee PTO partnered with Step It Up! to bring a new energy to the annual fundraising event. This new program provided the opportunity for students to earn rewards just for participating as well as incentives to challenge themselves to reach their school's fundraising goals. The students began their campaign efforts with an exciting and high-energy pep rally followed by a "Week of Wow" where they turned in Golden Tickets for participating. Prizes were delivered all week long – The sloth was certainly the most popular!

On October 9th and 10th, students enjoyed a **"Day of Awesomeness"** to reward their efforts and celebrate the success of the campaign. Some of the favorite activities were the Ninja Obstacle Course, DJ Dance Party, "Chill" Lounge and the incredibly popular Giant Hamster Spheres! There was truly something for everyone to enjoy, no matter their age or ability! Teachers even had their moment of awesomeness – Each teacher was awarded 10% of their classroom earnings to spend as they wish for their classroom. The top two teachers with the highest classroom participation in each school had the opportunity to visit the cash vault to "catch" more money for their classrooms! Top earning classrooms in each grade will be enjoying a pajama, pizza, and prize party.

The Fall Fundraiser was not only fun for all, but it was incredibly successful! The funds raised well exceeded years prior, **earning $92,000 for our schools!** This fundraiser – and all Pewaukee PTO fundraising activities – help to subsidize student field trips, purchase playground and encore equipment and fund the annual teacher grant program. In addition, this year's fundraising efforts will support enhancements such as an outdoor learning space, maker space additions, and advanced STEAM equipment.

The Pewaukee PTO is proud to represent this community!



"MAKING THEIR MARK" ON THE NEW HORIZON GYMNASIUM

On Tuesday, November 5, 2019, CG Schmidt construction crews organized a unique "Floor Signing" event with the staff and students at Horizon Elementary School to celebrate the construction milestone of flooring installation. **As part of the $39.7M Pewaukee School District referendum, the gym addition is nearing completion at Horizon Elementary School.** Just prior to the installation of the new gym floor, students were invited to sign their names on the concrete subfloor and make their mark on the new gym. The kids were in awe as they first entered the gym, commenting on the large, bright space and the red, bold paint accents.

"This was a fun event to include the students and give them the opportunity to literally put their name on the project for many years to come," Superintendent Mike Cady stated. "It was also a learning opportunity for students to experience the different pieces of a construction project that depend on one another timing-wise, and the various trades involved."

The bright, freshly painted and branded gym is currently receiving finishing touches. From installing score boards and basketball hoops to sanding and staining the floor, we are nearing the completion of one of our referendum projects. **The new Horizon gym will officially be opened on January 6th, 2020.** All remaining projects are targeted to be completed in time for the start of the 2020-21 school year.

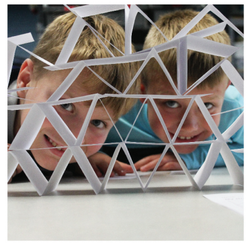
THIS WAS A FUN EVENT TO INCLUDE STUDENTS IN AND GIVE THEM THE OPPORTUNITY TO LITERALLY PUT THEIR NAME ON THE PROJECT FOR MANY YEARS TO COME.

HORIZON ELEMENTARY

HORIZON MAKERSPACE

Horizon Elementary celebrated the grand opening of their school's Makerspace in early September! This newly renovated area encourages our students to use their fine motor skills as they problem solve and think outside the box. **Even our PSD Administrative Team tapped into their creative side as a team bonding exercise this summer by helping to design and stencil the floor decals for the space!**

As the year continues, classes will schedule times to use the space for projects and challenges that correlate with the curriculum that they are practicing in class. We are proud to be able to say that each of our schools provide a Maker space room that promotes a hands on approach to critical thinking. **These spaces were made possible by the fundraising efforts of our PTO.** We would like to take this time to thank everyone for their contributions and involvement to make this a priority.



VETERAN VALOR

The first Veterans Day took place on November 11, 1918. 101 years later, PLE and Horizon Elementary students took part in honoring the heroes of our country. PLE hosted a parade where each student made signs and banners thanking the visiting veterans for their service. Horizon students attended a school assembly where mothers, fathers, aunts, uncles, and grandparents of students in the school were recognized and honored one by one. After the assembly, the veterans accompanied the students back to their classrooms to share more about their experiences during their service. In one of Dr. Cady's "Weekly Messages" he shares, **"We are a district who really values our veterans** and there is no more of an appropriate time than with veterans day, to thank our veterans for everything that they do to create this great country and democracy that we live in."

NFL PLAY 60

Ideas for good eating, exercise, and making healthy choices came just in time for the holidays on November 25th. The NFL Play 60 Challenge was brought to life by volunteers form our own PHS Football team and Pirate cheerleaders who teamed up with students from Horizon. The American Heart Association and the NFL joined forces with Discovery Education to encourage active lifestyles for our youth nationwide. **This virtual field trip is a fantastic companion to our own Graduate Profile, enhancing the Connect, Care, and Commit competencies.**

Students had a great time with the workout and enjoyed an awesome autograph opportunity with our high school athletes. As a follow-up activity to demonstrate our students' learning, students will be making and displaying posters around our schools to encourage other to care for their health by eating well and staying active. The Play 60 Challenge will continue through mid December as they keep track of their progress. A special thank you to our wonderful learning coach, Colleen Rooney, who collaborated with Anna Duerwachter and Cate Riekkoff to facilitate this valuable activity.

ASA CLARK MIDDLE SCHOOL

RIVER RESEARCH

In early September, science teachers Mrs. Brandenstein and Mr. Graf embarked on an "outdoor" classroom excursion to the Pewaukee River. The group of students were provided the opportunity to extend their research on macro-invertebrate beyond the classroom and study it in action.

Suited up in waders with fishing net in hand, the students took turns gathering creatures from the river to inspect. **According to their research and based on the type of creatures they identified, the group concluded that the river appears to be substantially cleaner than in years past.** Not only did the kids enjoy the beautiful day outside, they were able to apply their observations and inform the community about our river. Thanks for your analysis, Pirates! That's fantastic news!

ACMS is currently planning and preparing to become a 6-8 grade middle school. In response to these changes, the school is making physical and organizational changes to better support the learning that needs to occur to prepare our students for their futures. The second floor of the newly added academic wing will house 6th grade and ensure that we have adequate classroom space for all grade levels. The second major change will be the addition of a new innovation center. This space will provide new spaces for Science, Art, Engineering, Computer Science, and Business content areas, along with a maker-space and large group instructional area. These innovative spaces will provide students with the environment necessary to focus on developing future ready skills. Learn more about the STEAM Innovation Center on page 14.

RUNNING FOR A CURE

The race for a cure continues for both middle and high school students of the Cross Country Program as well as ACMS Student Council. Efforts were focused in late September as the Student Council members ran the DoLittle 5K, **raising over $500!** In October, Asa Clark's Cross Country team hosted a bake sale at a home meet, donating all proceeds to a local family affected by cancer. "Many of the members of the cross country team have been touched by childhood cancer - some with cousins and others with friends who have battled the disease," shares Cathy Walz, ACMS Cross Country Coach.

"WE WANT TO NOT ONLY RAISE THE FUNDS TO DIRECTLY HELP SOMEONE NEAR AND DEAR TO OUR HEARTS, BUT ALSO RAISE KINDNESS AND COMPASSION TO THOSE WHO HAVE BEEN IMPACTED IN OTHER WAYS."

EXTENDED LEARNING DAYS: DESIGN THINKING FOR SERVICE LEARNING

KATIE SPADONI | ACMS ASSOCIATE PRINCIPAL

Each year we learn, build and grow from the previous year's experiences. Last year, all Asa Clark Middle School students participated in two service learning projects with their Resource teacher and peers. We learned that our staff and students were eager to lend a hand to others, but found that the projects felt rushed and didn't emphasize learning. **This year, we wanted to emphasize the learning in service learning and really get kids to understand and empathize with the audience they wanted to serve.** We chose to utilize the Design Thinking Process as a guide in creating these projects.

The Design Thinking Block has been the most challenging and the most rewarding part of our **Extended Learning Days**. Groups were formed around passions and students and staff members are learning alongside each other. Each topic group began by sharing their prior knowledge of the topic, asking a lot of questions and connecting with a member of their target audience to confirm or challenge assumptions they have about the topic. To truly understand the problem, we need to connect with the group we are serving before we begin thinking about how to help. **This is a fundamental shift from last year, and we couldn't be more proud of the work our students and staff are doing.**

down and really dive into the problem. We

For me, it has been awesome to see our staff rally behind a different way of thinking. The Design Thinking Process forces you to slow down and really dive into the problem. We are solution focused people, and it can be challenging to facilitate a group of middle schoolers who want to help, but are being asked to research, connect with others and brainstorm possible solutions before moving forward with one project idea. **I have been extremely impressed with the level of commitment and vulnerability our staff has had throughout this process.** Often times, students will ask a question that the staff member won't have an answer to, which is uncomfortable! They are wrapping their arms around the idea of not being the carrier or knowledge. Instead, they are guiding students to possible sources for answers and learning alongside them.

Check out the QR code below to learn more about design thinking and ACMS's Extended Learning Days!

PEWAUKEE HIGH SCHOOL

FROM A HIGHER PERSPECTIVE

Since May of last year, PHS junior Tim Schultz has been sharing his talent and love for drone photography and videography with the district. **From covering the graduation march and campus parade of the Class of 2019, to capturing the development of our campus's facility renovations and additions, Tim has provided some incredible footage to share with our community.** "My favorite project that I have been working on for the school is the construction project," Tim shares. "I get to see the school improvements from start to finish."

"I have really appreciated all the work Tim has done to assist me in creating some innovative and unique communication and marketing material," shares Miranda Kozlik, Marketing and Communications Manager for the District. **"He is a definite asset to have especially during this exciting time for our school district."**

Tim has created his own drone photography company called TSD Photography which can be found on Instagram and Facebook. With such a special skillset and passion for his work, Tim has plans to grow his drone business in the future and maybe even one day become a pilot.

Check out his work in some of our district videos, located on our YouTube channel. Just scan the QR code!

INSIGHT VISITS FOX 6

The PHS Insight Advanced Journalism and Media class paid a visit to Milwaukee's Fox 6 studio to meet with Insight mentors Suzanne Spencer and LeeAnn Watson. The day began with a detailed tour of the studio and offices, complete with a backstage viewing of the filming of Real Milwaukee (a morning program at Fox 6). Also along the tour, students chatted with chief meteorologist Rob Haswell in the weather center about how the weather broadcast comes to life.

To conclude the visit, Suzanne and LeeAnn led the group around the newsroom just following the morning production meeting to talk with reporters about the assignments they were given for the day and what their next steps were.

Students found great value in the opportunity to talk with people in various roles at the station (editors, producers, reporters, photographers) to discuss their job responsibilities and current projects. We are grateful that through the mentorship of partners like Suzanne Spencer and LeeAnn Watson that these experiences are able to come to life.

CONSTRUCTION UPDATE

Pewaukee High School's secure entrance addition is underway and it won't be long until the front of the school gets a major facelift. Currently, footings and foundations are being laid to prepare to begin placing the masonry walls. Many of the major renovations happening inside the high school won't begin until this summer. Some exciting additions include a two story skylight, coffee shop, and new guidance and front office spaces.

SIGNED PIRATE ATHLETES

A big congratulations to SEVEN (wow) pirate athletes who signed their letters of intent on November 13th, committing to their universities to pursue their academic and athletic dreams. Your parents, coaches, friends, mentors, and community are very proud of all that you have and will accomplish!

Congratulations to **Lauren Schill** - Marquette: Soccer; **Viv Jende** - Northern Michigan: Basketball; **Josh Cottrill** - Valparaiso: Baseball **Quinn Berglin** - Lawrence: Baseball; **Abby Jansen** - Eau Claire: Track and Field; **Noah O'Neal** - Olivet Nazarene: Soccer; **Lauren Moran** - Stevens Point: Golf

HELP FIGHT AGAINST CANCER!

Sophomores Khadijah Dhoondia and Emily Groszczyk are the nominated leaders of **"Team Legacy,"** a group of high school students, middle school students, and adults who are united by their efforts to cure blood cancers. Through the Leukemia and Lymphoma Society, the group is fundraising from January 21 to June 30th and would love your help in making a difference! Learn more about Khadaja and Emily's story and how they became a part of this amazing effort by using the QR below. Amazing job girls! **#PiratePride**

"BRIDGING" COMMUNITY SERVICE AND LEARNING

According to Charlie Shong of the Pewaukee River Partnership, a tree fell on one of the railings of a small bridge that runs over the river on Clark Street in the Village of Pewaukee. It happened about 10 years ago and has sat damaged, ever since, he said. "We looked at it and came up with a plan to replace it with a more decorative railing," Shong said. **Unfortunately the group did not have the tools to make this happen alone.**

Three boys from Mr. Colwell's manufacturing class took it upon themselves to see what they could do to help. Peyton Guyot, Luke Hesprich, and Richard Loescher have been volunteering their time after school to assist the Pewaukee River Partnership with restoring the bridge to its former glory. Mr. Colwell shares, "They've been taking this on their own. They're problem solving on their own. They're figuring out solutions to whatever problems they're running into. They're kind of taking the ball, as they say, and running with it. That's been special." **The boys are utilizing the skills they have learned in his class to plasma cut large, steel letters that will be attached to the new railing.** "We're learning how to deal with problems we didn't know how to solve," Guyot said. "So we're learning how to deal with machines we didn't know how to work with, tools we didn't know how to fix, and the learning process. I like learning new things."

DISTRICT NEWS

#WHYWETEACHPSD

If you are not already following us on Facebook, Instagram, or Twitter you should check us out and get familiar with the **#WhyWeTeachPSD** hashtag! This year, we are showcasing our wonderfully talented and caring teachers one by one as we ask them "why do you teach?" **From Kindergarten teachers to PHS Insight instructors, we have enjoyed hearing and sharing what drives our teachers to be the fantastic role models and educators that they are for our students.** Go check it out!

STATE REPORT CARD

The Pewaukee School District announced that it received a rating of **"Significantly Exceeds Expectations"** for the first time on the State Report Card. The report was released on November 12 and reflects results from the 2018-19 school year. **This five star rating is the highest possible on the state report card.** Schools and districts across the state receive scores in the areas of Student Achievement, Growth, Closing Gaps, and On-Track and Postsecondary Readiness which combine to make up the rating.

"We were very pleased to see the district achieve the highest rating after narrowly missing it last year. Most importantly we were happy to see the strong improvement in our growth and closing gaps scores," said Dr. Mike Cady, Superintendent. **"Our staff works hard to meet the needs of each learner in our district through high quality classroom instruction, great academic intervention programs, and by supporting the social and emotional needs of students, which is the foundation for success."**

WE WOULD LOVE YOUR FEEDBACK!

As we are about to begin our annual strategic planning process for the 25th year, we ask for your feedback to help build on our strengths, addressing new challenges, and capitalizing on opportunities for improvement. **Please consider taking the time to fill out our survey and share your anonymous opinion by using the QR code!** Survey closes January 31st, 2020.

PROUD OF OUR PIRATE CREW

Pewaukee School District is proud to recognize the incredible staff members who were honored with the **Educator and Employee of the Year award at the 2019 Chamber of Commerce Community Gala** late September. We are extremely fortunate to have the following individuals as part of our Pirate Crew!

Amanda Sorkness, Angie Lewek, Katie Williams - School Counselors;
Sarah Coburn - 7th and 8th Grade Special Education Teacher;
Katie McManus - 4th Grade Teacher; **Bridget Halverson -** 3rd Grade Teacher;
Mary Grunwald - Custodian

US MATH RECOVERY EDUCATOR AWARD

A big congratulations to one of our Math Interventionists, Angie Fulfer, for being the first ever recipient of the US Math Recovery Educator Award!"I was so excited to learn that Angie received this honor as I couldn't think of anyone more deserving," said Danielle Bosanec, Chief Academic Officer for Pewaukee Schools. **"From the time she made the investment in training, to the countless kids she has helped, to the seemingly never-ending teacher training she has done for us in the district, Angie's impact using AVMR is tremendous."**

We couldn't agree more with Tara McNamara's nomination of Angie when she said: "Angie's passion for mathematics understanding is unparalleled and infectious for students, teachers, and district administration alike. Angie's wealth of knowledge extends far beyond her years and the impact she has made on our district, most notably this year in her new role, has been impressive. **Angie leads by example and collaborates with all who share in her mission:**

TO SUPPORT TEACHERS WITH MATH INSTRUCTION PROMOTING STUDENTS' CONCEPTUAL UNDERSTANDING.

BRIAN KAMMERS
BOARD OF EDUCATION PRESIDENT

KEY WORK OF YOUR SCHOOL BOARD: ACCOUNTABILITY

In a previous Perspective article, we introduced the five Key Work areas for School Boards. The Key Work areas are Vision, Accountability, Policy, Community Leadership and the Board-Superintendent Relationship. In that first article we discussed the need for a Vision/Mission and a strategic plan. We also indicated that a Vision or Mission without accountability is a hollow gesture. This article is about the second Key Work, **Accountability.**

There are many aspects to Accountability. The School Board is a steward of the resources the Pewaukee community and the State of Wisconsin have provided to educate children. That stewardship includes making decisions in a clear and transparent way. But our accountability is not only financial. The Board is accountable for the academic achievement of students. It requires that school board members stay abreast of education research and best practices that could improve student achievement.

As it should be with any school district, the focus is on improving academic achievement. This requires a holistic approach to the operation of our District. For example, any money you can save on reducing costs for things like electricity, gas, and transportation is money that can be reinvested into the classroom. That is why our district strategic plan is more than just a focus on Teaching and Learning. **It also includes Technology, Facilities and Operations, Communication and Community Engagement, Student Services and Workforce Engagement and Development.**

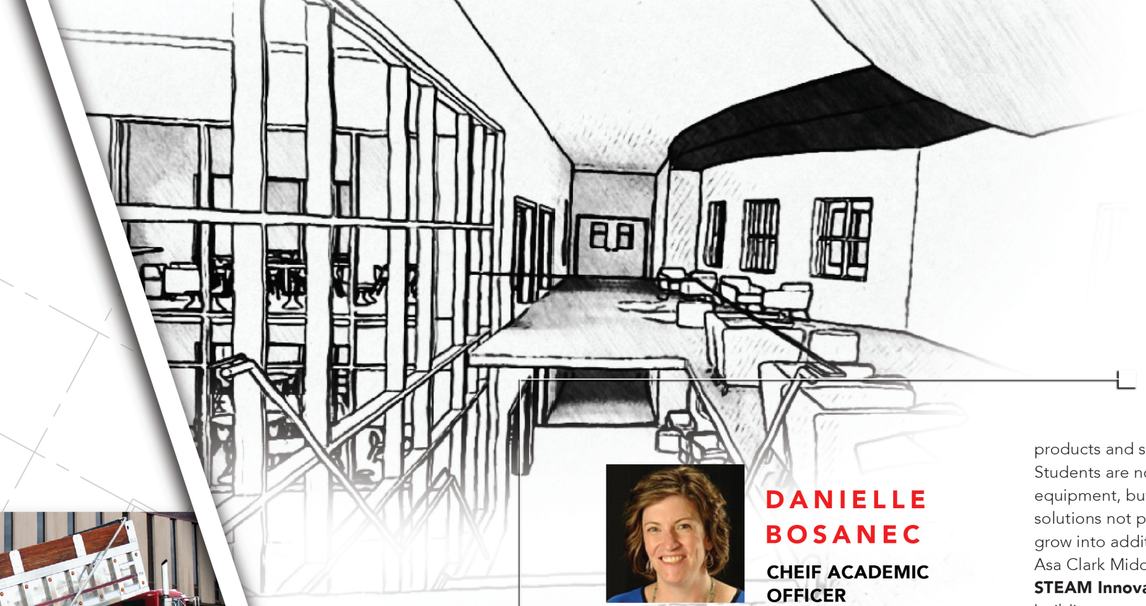
Each of these strategic areas have goals and action plans that connect back to student achievement. It is the responsibility of the School Board to see that the Superintendent, through the administration and ultimately all personnel in the district, are accomplishing the goals in a strategic plan. Without these goals being met, the District cannot move forward in delivering higher levels of student achievement.

Many of us remember our own school experience of being sorted based on grade point average or "grading on the curve" evaluations. You could influence your grade if you did extra credit work that probably had little to do with improving your academic abilities. These are education methods from the past. **It does not make sense to use 20th century education methods when you want to provide a 21st century education.** It is no longer acceptable to get your grade and move on to the next lesson.

We now live in an era of standards. While the State Standards set a minimum expectation, additional expectations are required at a local level for each student to achieve their potential. In order to achieve their potential, students need detailed information about their academic performance. They need to know their deficiencies so they can work on them. That is why the Pewaukee School District moved to a system where we **Grade FOR Learning.** Instead of a simple letter grade, students have individualized and detailed information about their learning success and areas for improvement.

Accountability, as a Key Work area for school boards means effectively using our resources to drive for increasingly higher levels of academic performance. The journey to higher levels of academic performance uses the strategic plan and a focus on continuous improvement. In Pewaukee we use the Malcolm Baldrige Framework for continuous improvement which resulted in national recognition for our district and community.

In the next edition of The Perspective we will discuss **Policy.** This is the method by which the Board of Education provides guidelines and regulations for how the district should operate. The Policy manual is a public document and is another way for the Board to be accountable to the community.



ENTERING
PHASE TWO
#PSDNEXTWAVE

2019 SUMMER | FALL | WINTER | SPRING 2020 | SUMMER | FALL

PREPARING FOR SPACES TODAY FOR WHAT LEARNING REQUIRES TOMORROW

DANIELLE BOSANEC
CHEIF ACADEMIC OFFICER

Every day the landscape of education continues to evolve. This change is physically evident in the Pewaukee School District as new, innovative learning spaces are being constructed with the referendum facility project that is underway. The facility project presents an amazing opportunity to create spaces to help students learn and grow into future citizens ready to contribute, create, compete, connect, commit, and care in the world around them.

By fall 2020, all four schools in the District will have spaces intentionally designed to help students innovate and create. The Makerspaces at Pewaukee Lake Elementary and Horizon Elementary will encourage students to imagine, design, experiment, and problem solve. Additionally, curriculum in computer science and coding will be implemented into the student learning experience. Our youngest learners may hold jobs as adults that haven't even been invented yet, so developing flexible and adaptable skillsets is critical.

For our students at Asa Clark Middle School and Pewaukee High School, spaces for innovation will be important for new learning and skill development. This year, PHS opened its Innovation Center that gives access to all students and staff to use state-of-the-art technology to create new products and solutions for a variety of challenges. Students are not only learning how to use new equipment, but also how technology can offer solutions not previously possible. Next fall, PHS will grow into additional spaces for this innovative work. Asa Clark Middle School will prominently feature its **STEAM Innovation Center** at the front of the building next year. STEAM is an educational acronym for science, technology, engineering, art, and math. Working together, these content areas engage students in authentic and relevant problem solving.

The opportunities and benefits of our new innovation spaces include:

- Increased access and better utilization of resources previously only available to students in select programs, grades, and schools
- Connect curriculum to vocational needs of the community
- Hands-on skill practice on a variety of technology and machinery
- Collaboration space to innovate and learn with peers
- Collaboration and feedback from industry professionals & community members
- Increased engagement through active learning practices
- Invention of new solutions to societal challenges and application of the design thinking process
- Exploration of high-interest projects
- Enhancement of learning strategies including inquiry, exploration, self-directed learning, and creation through ideation

We are excited to meet the District's mission of **"Opening the Door to Each Child's Future"** by preparing our spaces today for the learning requirements of tomorrow. The opportunities and benefits for new student learning will prepare them well for whatever their future may hold!

PEWAUKEE
SCHOOL DISTRICT

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Public Information Office
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404 Lake Street
Pewaukee, WI 53072
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BOARD PRESIDENT

EXCITING CONSTRUCTION PROGRESS

BRIAN KAMMERS

BOARD OF EDUCATION PRESIDENT

If you have not had a chance to visit our campus to see the changes taking place, I hope that you are keeping up with the construction progress on our website. The water main to the campus has been relocated and buried. At PLE, the demolition is complete. The foundation and structure steel for the addition are now in place. At Horizon, the flooring is being installed in the new gym. The masonry foundation and some of the precast concrete for the second floor has been installed at Asa Clark middle school. The earthwork in the front of the high school has been completed.

It is exciting to watch the progress as it happens. For those of you that cannot stand the suspense of waiting for the final product, we have an animated walkthrough available. This 3D rendering will take you through the new or renovated areas of the high school and middle school. This rendering can be found by looking for **#PSDNextWave** Facility Design on the school district website.

Once again, on behalf of the students, faculty, and Board of Education, I want to thank the community for your support. **In addition, I want to thank all the community members who drive onto our campus everyday to drop off students or come to volunteer.** The traffic patterns are constantly changing because of the construction. We appreciate everyone paying attention to those changes and following the directions from staff during high traffic periods.

I hope you noticed the focus of this edition of the Perspective. **Education is constantly evolving.** That evolution has had a direct influence on the decisions regarding the design of our new and updated facilities. The economy of our nation is changing and occupations in science, technology, engineering and mathematics continue to grow. The facility work will result in even more space dedicated to Science, Technology, Engineering, Art, and Mathematics (STEAM). Increasingly our students' educational experience is in the form of hands on learning. Some of us might remember wondering how our school lessons would be useful after leaving school. We are providing more learning experiences outside the classroom to help make the tangible connection between class and life.

We are also encouraging the individual curiosity of each student with extended learning days and passion projects. Students are given the time to select topics or subjects that interest them personally. They can explore a new interest or work to develop a deeper understanding of a particular topic. Middle school students are given an opportunity to work on a passion project. **These passion projects focus on an effort to improve our community or world.** In closing, we are constantly working to improve as a school district as evidenced by the recent State Report Card. Our effort and ability to achieve a rating of "Significantly Exceeds Expectations" would **not be possible without the support of this community.** Thank you.