



From
the
Nest

NHMS Nighthawk



Our Mission

The Hanover Public School District is committed to excellence in education by nurturing, challenging, and inspiring all students to achieve their full potential and to become productive citizens in a global community.

VIP² - Preparing for Your Future Today

A Message from Superintendent Dr. John A. Scola

The Hanover Public School District boasts a student population in grades K-12 of 2,000 students. The three elementary schools K-4, Middle School 5-8, and the High School 9-12 are relatively small in population compared to other districts. Fewer students allows greater access to activities, athletics and academic scholarships and awards sometimes not as readily available to students in larger schools. Every action taken by the district is to offer a first-class individualized experience so every child has the opportunity to succeed. Thus, we are embarking on a new and exciting journey with the induction of the VIP² program.

The Visionary Individualized Planning Process (VIP²) is a goal setting initiative for all Hanover Public School District students beginning with the current seventh graders.



Every student will complete an online interest profile to be used in the goal-setting process. All students, with parental input, will participate in a 30-minute individualized interview to discuss personalized short-term and long-term goals. Based on the information from the career interest survey, academic performance,

attendance and discipline history, an individualized plan is devised for career and academic pathways to maximize future success. This individualized planning process is ongoing with a built-in system of reviews and revisions several times each school year until graduation.

The Hanover Public School District is looking forward to a successful implementation of the Visionary Individualized Planning Process as we continue to prepare the students for the future each and every day.

Distinguished Alumni Hall of Fame

The application process for the Distinguished Alumni Hall of Fame officially closed on January 31, 2017. As expected, given the celebrated history of the Hanover Public School District, the pool of candidates is exceptional. The committee comprised of alumni, parents, teachers, building level and district administrators and a representative of the School Board will have the arduous task of selecting the initial inductees. This important decision will be reached by consensus of the committee.

On behalf of the Hanover Public School District, thanks again to those who submitted a candidate for consideration and we are truly grateful for your continued support.

inside ...

- ▶ The World of Biotechnology
- ▶ Kindergarten Registration
- ▶ Spring Musical: Les Miserables

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HANOVER PUBLIC SCHOOL DISTRICT | 403 Moul Avenue, Hanover, PA 17331

717.637.9000 | www.hanoverpublic.org | twitter: @HanoverPublic

Kindergarten Registration

Hanover Public School District welcomes the parents and children for the 2017-18 school year. On **Wednesday, March 15th** each elementary school will host their Kindergarten registration day. This one-hour process begins with a registration table in the main office followed by a short discussion with the school nurse. Next, the parents meet with the Principal of the building to discuss building level dates



for next school year and school based logistics. During the parent process the child is taken to be screened by Kindergarten teachers and speech pathologists. The results are shared with the parents and the information is used in August 2017. To set up an ap-

pointment please call: **717.637.9000**, extension 100 for Clearview, extension 125 for Hanover Street, extension 150 for Washington.

Middle School Gaming & Science Students Invent Trading Card Game

Recently, 6th grade students in Mrs. Starners science class have been researching animals of the Cambrian Period. Many of these extinct creatures have exotic and elaborate names, some bearing no resemblance to the animals of today. This has proven a difficult task for the 6th graders of Hanover Middle School. Mrs. Starners knew that she needed a way to grab students' attention as they began their multi-cellular organisms unit. To do so, Mrs. Starners reached out to Mrs. Fry, middle school art teacher and technology integration specialist for some new ideas. Mrs. Starners and Mrs. Fry turned to "project-based learning" to find an engaging, authentic task that would allow students to learn about these ancient creatures. Capitalizing on the enthusiasm created from the Pokemon craze, the vision was to have the assignment focus around student creation of animal species trading cards from the Cambrian period.

Mr. Bitler, and his Games from American History students, were called upon to determine how the student created trading cards could be used to help reinforce learning of the Cambrian Period organisms. The 8th grade students created a game incorporating the use of the trading cards based on ele-



ments from the traditional "War" card game. The authentic learning experience provided the 8th grade students a platform to demonstrate the game concept and creation skills acquired in the 8th grade gaming courses.

In the end, this project based learning experience provided an opportunity to connect students across different grades and curricular areas. Students designed and developed each element of the trading card game and were able to see their product in action when the classes collaborated to play the game designed. Most importantly, the students were able to learn about organisms in the Cambrian Period by identifying the role and effect these organisms had in ecosystems. Students are proud to have created a unique game that will continue to be used for science instruction in years to come.

Mark Your Calendars!



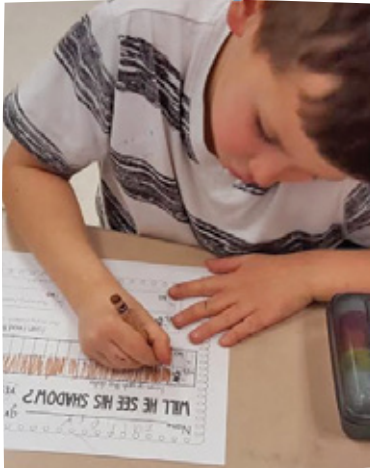
Les Misérables[®] School Edition

On April 7, 8, 9 Hanover High School drama students will present Les Misérables, the epic musical tale of broken dreams, passion, and redemption set in 19th century France during the height of the French Revolution. Winner of over 100 international awards and seen by over 65 million people worldwide, Les Misérables is an epic and uplifting story about the survival of the human spirit. This true modern classic is based on Victor Hugo's novel and features one of the most memorable scores of all time.

The story follows Jean Valjean as he is released from 19 years of unjust imprisonment, and finds he has nothing from his fellow man but mistrust and mistreatment. He breaks his parole in hopes of starting a new life. As he struggles for redemption, he is relentlessly pursued by police inspector Javert, who refuses to believe that Valjean has changed. Finally, during the Paris student uprising of 1832, Javert's life is spared by Valjean, who also saves the life of the student Marius who has captured the heart of Valjean's adopted daughter, Cosette. His world view shattered, Javert commits suicide, and Valjean finally finds the peace that he has looked for his entire life.

Performances are **April 7th at 7pm**, **April 8th at 7pm**, and **April 9th at 2pm**. Tickets in advance are \$7 for students and \$8 for adults and are available at the high school office during school hours. Tickets will also be available at the door for an additional \$2 for each ticket price. For more information about the show or tickets, please call **717-637-9000 x300**.

Combining Math and Science at Hanover Street



This winter, students at Hanover Street Elementary have been given many opportunities to learn through a combination of Mathematics and Science. The kindergarten through fourth grade curriculum has created helpful segues to make cross-curricular connections. Our teachers have worked hard to plan interdisciplinary activities to better facilitate real-life experiences that increase problem solving skills.

For example, primary grade students (K-1) used science and math skills on Groundhog's Day by completing a graph of their classmates predictions for Punxsutawney Phil's shadow. Students then discussed the graph of predictions and the actual results.

Graphing and problem solving skills are built upon as students progress through second, third, and fourth grade. One activity fourth grade students do is a paper airplane experiment. Students experience each step of the scientific method to better understand how geometric design affects the distance a paper airplane will travel. Students measure, graph, and analyze the results.

We are all very impressed with our innovative and creative future problem solvers and will continue to provide opportunities that support cross-curricular connections in Mathematics and Science.

Exploring The World of *Biotechnology* At the High School

Biotechnology is not new, but it is an up and coming field in the 21st century job market. Students at HHS have the unique opportunity to take a course in Biotechnology. Few schools in Pennsylvania provide this opportunity. In simple terms, Biotechnology is technology based on biology, and has been used for centuries to make products such as bread and cheese, and products that improve the life of humans.

Modern Biotechnology provides breakthrough products to combat diseases, reduce the negative impact on our environment, feed the hungry, reduce energy consumption and have safer, cleaner and more efficient energy sources and industrial manufacturing processes.

This course includes the study of bacteriology, including proper plating and growing of

recumbent bacteria, which combines the DNA from other organisms to create a new strain of bacteria. Students will use DNA from a jellyfish to create multi-colored glow-in-the-dark bacteria.

The Biotechnology class will also delve into the world of forensics, using DNA fingerprinting, breaking down and comparing DNA. Students will compare DNA from fictitious "crime scenes" and match it to a set of "suspects" to determine if there is match.

At HHS, students in our Biotechnology course will learn basic laboratory techniques, including micropipetting, the use of digital pipettes, and creating solutions. Students will leave HHS well equipped to walk into their college science labs feeling confident and well prepared to take on the world of innovation in science.



Math Instruction at Clearview Elementary

Hanover Public School District utilizes the latest edition of the Everyday Mathematics Series for students in grades K-6. Everyday Mathematics is a comprehensive Pre-K through grade 6 mathematics program developed by the University of Chicago School Mathematics Project and published by McGraw-Hill Education.

This series relies on the understanding of mathematical concepts and critical thinking. It is a non-traditional series in that the students have to understand how they arrived at the answer. The answer alone is not sufficient and the process is the key to present and future understanding.

Teachers utilize assessments to guide instruction. The teachers use a variety of strategies and closely monitor progress as the stu-



dents navigate their way through the series. Informal, random and open ended questioning is commonplace in the classroom as teachers check for understanding. Online programs such as Study Island and Front Row supplement the Everyday Math series.

Since the initiation of this series, the district has seen continuous growth in the PSSA scores and more importantly, increased student engagement in the classroom.

Washington Students Teach: How Do You Solve 56×34 ?



Do you remember how to multiply 56×34 ? Did you know there are many ways to solve this two-step math problem? When most of us were in school, we were taught only one way to solve this dilemma. However, today students are taught many ways to solve various math problems.

Recently some 4th grade students in Mr. McMahon's math class made digital We-Videos. These young "teachers in training" were able to create and present their electronic videos describing the steps to solve a math problem similar to 56×34 . Selected students created a video and then reported a different strategy to teach their classmates. Five students chose four methods of multiplication to solve a math problem. The methods demonstrated included lattice multiplication, partial products, partitioned rectangle, and traditional "old school type" multiplication.

As the students in class rotated around to various multiplication stations within the classroom, the student presenters displayed their videos by setting the stage, providing resourceful information, allowing practice time, and also a powerful summarizing tip at the conclusion. Students learning these methods found the time very helpful and thought reviewing the styles of learning multiplication were helpful and beneficial to use in the future. The student videos were created in Washington Elementary's Night-hawk Studio or with a document camera. In addition, many of the students were able to add introductory music and sound effects to improve the presentation.

Kudos to the student presenters in Mr. McMahon's classroom who spent their own time creating these powerful videos to share with classmates. It is truly amazing how children can learn from each other. We offer a big applause to Mr. McMahon for providing this technology usage for these students.


Thank
* You! *

The Hanover High School Foundry is fully operational thanks to the generous donation of Utz Quality Foods, Inc.



Strike Gold With This Card!





The district offers a Gold Key Card to all district residents aged 60 years and older. This card will allow the Gold Key person free admission to district sponsored events including admissions at sporting events as well as one free pass to one performance for the fall play and spring musical. Also, the pass is honored by the South Western School District. It is a lifetime pass as long as you are a resident of Hanover Borough. Please contact Kathy Poist at  717-637-9000 for info.



Providing Free Books Monthly for Pre-K Children!

The goal of The Hanover Foundation for Excellence in Education, Inc. is to develop a partnership between local business leaders and the Hanover Public School District to allow our students to participate in innovative learning opportunities that align with and support current and future district initiatives, which may not be able to be implemented through local tax dollar revenue.

One of the implemented learning opportunities has been the Imagination Library. This program puts free books into the hands of district *children from birth to age 5* on a monthly basis. For more information on the Foundation or to register for the Imagination Library, contact Mrs. Lois Dubbs at  717.630.4644 or visit  www.hpsd.k12.pa.us/pages/Hanover_Foundation/.

WEB: HANOVERPUBLIC.ORG

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EYE ON

State Assessment News

The Pennsylvania System of School Assessment (PSSA) is a standardized test administered to public school students in the state of Pennsylvania. Hanover Public School District will administer PSSA tests for students in grades 3-8 as follows in April and May 2017:

- ELA 4 sections: April 4, 5, 6, 7
 - Math 3 sections: April 25, 26, 27
 - Science 2 sections:
May 2, 3 (Grade 4) May 3, 4 (Grade 8)
- Educational Trips will not be approved during the testing window.



What parents can do to help:

- Encourage your child to do his/her best! This test is important to our school.
- Make sure your child is in school during the testing schedules.
- Make sure your child eats a good breakfast on the testing days.
- See that your child gets an adequate amount of sleep before the test.
- Encourage your child to listen carefully to all of the directions and to take his/her time.

All students who miss any part of the PSSA will be required to make up the section(s).

The Keystone Exams are end-of-course assessments designed to assess proficiency in the subject areas of Algebra, Literature, and Biology. Students currently enrolled in Keystone-tested subjects at the Middle School and High School will take the exams during the window, May 14-25. More information will be sent home to parents closer to test administration.

Blended Learning and Project Based Learning


Hanover Public School District offered Professional Development for teachers in the areas of Blended Learning and Project Based Learning throughout the 2016-2017 school year. All teachers are creating Blended Lessons which integrate meaningful technology usage for some aspect of the lesson. Teachers are also creating Project Based lessons at all levels to promote problem-solving, collaboration, and leadership skills in an engaging manner. With the help of our Technology Director, Technology Integration Specialist, Teacher Leaders, Online Learning Paths through EduSpire, as well as outside presenters, our teachers are offering our students the latest learning opportunities.

Support the Foundation

The Hanover Public School District Foundation for Excellence in Education supports numerous academic initiatives in the community and in the schools. The Foundation provides reading materials to children residing in the district from birth to entrance into kindergarten. Also, the Foundation supports the Metal Lab, the Construction Technology Lab and the STEAM Academy initiatives. If you would like to make a tax deductible donation, please



forward the donation to The Hanover Public School District Foundation, c/o Lois Dubbs, 403 Moul Avenue, Hanover, PA 17331. If you have any questions, please contact Lois Dubbs at

 717.630.4601. Please note that you may earmark the funds for a particular use. On behalf of the students, thank you for your continued support of the Hanover Public School District.

DATES TO REMEMBER



March 12

Daylight Savings Time Starts

March 13

6 PM School Board Planning Mtg.

March 15

Kindergarten Registration Day

Act 80 Day: No School for Students

March 20

End of 3rd Marking Period

March 27

Report Cards Issued

6 PM School Board Mtg.

April 7, 8

7 PM Les Miserables Spring Musical

April 9

2 PM Les Miserables Spring Musical

April 10

6 PM School Board Planning Mtg.

April 12, 13, 14 & 17

No School for Teachers & Students

April 24

6 PM School Board Mtg.

May 8

6 PM School Board Planning Mtg.

May 22

6 PM School Board Mtg.

May 25

Early Dismissal

7 PM Campus Night

May 26

Early Dismissal, LAST DAY OF SCHOOL

7 PM Graduation

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Hanover High School Alumni Association

The Alumni Association is comprised of representatives of graduation classes of the current Hanover High School and the Eichelberger High School. The primary purpose of the Alumni Association is to provide scholarships to graduating seniors each year.

Currently, the Association grants thousands of dollars in scholarships annually to individuals in the Hanover High School graduating class through our endowment, the Golden Scholarship Fund. Since 1988, the Association has granted \$116,000 in scholarships to graduating seniors.

To learn about the Golden Scholarship Endowment, annual and estate contributions, contact Phyllis Egger (EHS Class of 1961) at [717.632.0548](tel:717.632.0548). Or send contributions to **P.O. Box 620, Hanover, PA 17331**. Checks should be made out to Hanover High School Alumni Association, Golden Scholarship Fund. To learn more about the Hanover High School Alumni Association, contact John Howe, Alumni Association President (Class of 1967) at slhowe@comcast.net.



FOR MORE: WEB HANOVERPUBLIC.ORG TWITTER [@HANOVERPUBLIC](https://twitter.com/HANOVERPUBLIC)

According to Title IX of the 1972 Education Amendment: No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.

Hanover Public School District's Title IX Compliance Co-Officers are Mrs. BJ Frock, and Dr. Susan Seiple. They are responsible for the coordination of complaints received pursuant to Title IX. The officers can be reached via e-mail: bfrock@hanoverpublic.org, sseiple@hanoverpublic.org, or at 717.637.9000.