

MOON AREA SCHOOL DISTRICT

2022



LEARNING *from the
past.*
LIVING *in the
present.*
SHAPING *the
future.*

WELCOME!

Dear Moon Area School District Community:

As I reflect on the past year and look ahead to 2023, I feel very fortunate to be a part of such an incredible school community. Despite facing several challenges, 2022 has been a great year. I'm proud of all that we have accomplished together.

Although our school year got off to a rough start with a cyber ransomware attack that affected all technological systems, our systems have now been restored. Our focus this year remains on supporting our students academically, socially, and emotionally as we work to accelerate learning for all. We've been working hard to address learning gaps and offer supports to help our students achieve success as we rebound from a few challenging years. I'm proud to share that the data we have so far this year indicates we're on the right track. Thanks to the hard work and dedication of our students and staff, there is much to celebrate at all of our schools!

The Commonwealth of Pennsylvania recently released the Future Ready PA Index, which rates schools on their achievement and academic growth. With a score of 95.7/100, I'm proud to share McCormick is the highest scoring elementary school in the state. We have many high performing schools in our state, and this is the first time a Moon Area school has achieved this distinction. Congratulations to the faculty, staff, and students at McCormick!

Another exciting update is that three of our schools have been recognized by the state for implementing School-wide Positive Behavior Interventions and Support (PBIS) Tier 1 to fidelity. Congratulations to Bon Meade, Brooks, and Hyde Elementary Schools!

Last year, I shared that we were expecting significant growth within our school district. We've already seen some development and are expecting another 6-7 new communities. The new developments will include single family homes, townhomes, and apartments. As our community grows, we will have to make modifications to ensure we are able to meet the needs of all students. This includes the redistricting of our elementary schools. We are also in the process of making modifications to our high school, middle school, and athletic facilities to accommodate this growth.

I'd like to congratulate Dr. Jeff Beltz on being named the Superintendent of Hopewell School District. Dr. Beltz has been an asset to our district as our Assistant Superintendent. I'd like to thank him for supporting our students and schools and wish him well in his next endeavor.

Finally, I'd like to thank our School Board and our community for your continued support of our schools. Your commitment to our schools makes a difference.

Sincerely,

Barry J. Balaski
Superintendent
Moon Area School District



OUR MISSION

Moon Area School District, in partnership with the community, is dedicated to educating every individual in a respectful, safe, enriching environment through a challenging, comprehensive approach that inspires excellence, lifelong learning, and responsibility.

OUR VISION

With purpose, innovation, and excellence, we guide and develop students providing quality experiences that enhance their character intellectually and personally, preparing them to become lifelong learners for an ever-changing society.

OUR EDUCATIONAL VALUES

Learning is a lifelong process. The education of our youth is the most valuable investment of our future success. Every person is unique and has intrinsic worth.

Honest, open, and on-going communication promotes trust and mutual understanding. Relevance is an important catalyst for learning. Higher expectations promote greater achievement. Education is a shared responsibility of the student, school, family, and community. Essential elements to the educational process include confidence, competence, respect, and cooperation.

OUR LEADERSHIP

DISTRICT ADMINISTRATION

Barry J. Balaski, *Superintendent*
 Jessica Drylie, *Director of Fiscal and School Services*
 Michael Haslett, *Director of Pupil Services*
 Dr. Lauren Morgan, *Director of K-12 Curriculum and Instruction*
 Dr. Kimberly Prevost, *Director of Data & Analysis*
 Ron Ledbetter, *Athletic Director*
 Christie Leininger, *Director of Food Services*
 John Daniels, *Director of Facilities*
 Kellie Crago, *HR, Benefits, and Payroll Supervisor*
 Dr. Marissa Deleel, *School Psychologist*
 Tiffany Lingenfelter, *School Psychologist*

BUILDING ADMINISTRATION

Moon Area High School (Grades 9-12)

Ryan Matsook, *Principal*
 David Gallup, *Assistant Principal*
 Nicole Hegerich, *Assistant Principal*

Moon Area Middle School (Grades 5-8)

Melissa Heasley, *Principal*
 Megan Kirchner, *Assistant Principal*
 Dr. Jason D'Alesio, *Assistant Principal*

J. A. Allard Elementary (Grades K-4)

Dr. Susan Kazmierczak, *Principal*

Bon Meade Elementary (Grades K-4)

Ashley Beeson, *Principal*

J.H. Brooks Elementary (Grades K-4)

Lucas Furlow, *Principal*

Richard J. Hyde Elementary (Grades K-4)

Joseph Johnson, *Principal*

McCormick Elementary (Grades K-4)

Dr. Julie Moore, *Principal*

SCHOOL BOARD

Danielle Zieger, *President*
 Amy Stuart, *Vice President*
 Crystal Barr, *Secretary*
 Kate Wise, *Treasurer*
 James Bogatay, *Board Member*
 Patrick Callahan, *Board Member*
 Robert E. Harper, *Board Member*
 William Kammerer, *Board Member*
 Mark E. Scappe, *Board Member*



ENROLLMENT

ENROLLMENT BY SCHOOL

October 2022	
1,218	High School
1,203	Middle School
208	Allard Elementary
596	Bon Meade Elementary
377	Brooks Elementary
221	Hyde Elementary
184	McCormick Elementary
28	District Placements
4,035	Total

RACE AND ETHNICITY

October 2022	
6.39%	Multiracial
74.55%	White
0.02%	Native Hawaiian/ Pacific Islander
5.65%	Black or African American
5.45%	Asian
0.12%	American Indian/ Alaska Native
7.81%	Hispanic/ Latino

ENROLLMENT BY GRADE

October 2022	
277	Grade 12
336	Grade 11
295	Grade 10
332	Grade 9
292	Grade 8
292	Grade 7
322	Grade 6
302	Grade 5
291	Grade 4
346	Grade 3
317	Grade 2
322	Grade 1
310	Kindergarten
4,035	Grades K-12

SCHOOL-AGE MASD RESIDENTS

October 2022	
School Type	Number of Students
Homeschool	92
Private/Parochial School	199
Public Charter School	80
Other School Placements*	59
Total	430

* Other school placements include students attending schools for special education, dropout prevention, or another individual need.

PARKWAY WEST CTC

MAHS currently has 127 students who attend Parkway West Career and Technical Center.



BUDGET AND FINANCE

OPERATING BUDGET

Moon Area School District's operating budget for the 2022-2023 school year is \$85,774,021.

\$85,774,021

FREE/REDUCED MEALS

24.53%	High School
29.99%	Middle School
31.73%	Allard Elementary
16.05%	Bon Meade Elementary
27.32%	Brooks Elementary
42.60%	Hyde Elementary
5.98%	McCormick Elementary

MILLAGE RATE

2022-23 Millage Rate: 22.6746

2021-22 Millage Rate: 22.6746

2020-21 Millage Rate: 22.6746

2019-20 Millage Rate: 22.1000

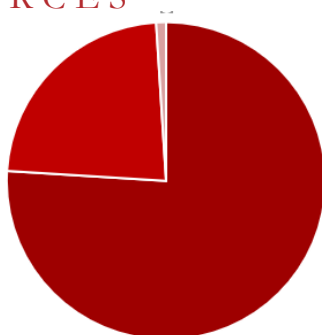
2018-19 Millage Rate: 21.1170

REVENUE SOURCES

Local Sources:
\$63,048,617 (73.6%)

State Sources:
\$22,027,317 (25.7%)

Federal Sources:
\$510,000 (0.7%)



ESSER FUNDING

ESSER 3: \$2,284,082

Moon Area School District received \$2,284,082 in ARP ESSER funding. District spent \$791,459.74 in 21-22 school year. This year, the District is using available funds in ARP ESSER to fund after school and before school remediation programs, mental health support, and technology supplies. The District has until 9/30/2024 to spend all ARP ESSER funds.

COMMUNITY GROWTH

With 6-7 new developments expected to be built in our community, Moon Area School District will continue to see significant growth. Davis Demographics is completing a growth study to determine how many new students our district should expect.

In order to accommodate all students and offer the best possible learning environment, we will continue to evaluate our school buildings and facilities as well as our course offerings and staffing. We will also work to keep our class sizes as consistent as possible across the district. This will likely result in redistricting across our K-5 elementary schools. The findings from the Davis Demographics study will be used to determine our redistricting needs.

As we plan for the future, we will ensure our budget reflects this expected growth, and we are prepared to serve all of our students and families.



CAPITAL IMPROVEMENTS

Maintaining our school facilities is a priority. This page includes an overview of some of the district's capital expenses for the 2022-2023 school year.

District

Tennis Courts	\$600,000	Bid Awarded
HVAC Upgrade	\$400,000	Bid Awarded
Replacing Folding Chairs	\$4,000	Complete

Athletics/ Fieldhouse

Trainer/ Utility Golf Cart	\$13,000	Complete
New Turf/ Drain System/ Track Paint	\$650,000	Bid Process

High School

Replace Entry Floor	\$13,000	Complete
Replace Room Numbers	\$22,000	Complete
LGI AV System	\$25,000	Complete
Gymnasium Floor	\$75,000	Complete
Brick Paver Replacement	\$88,000	Complete
Concrete Repair	\$100,000	Not Started

Middle School

Brick Paver Replacement	\$80,000	Complete
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Allard Elementary

Student Furniture	Donated	Complete
Teacher Furniture	\$14,800	Bid Process

Bon Meade Elementary

Sidewalk/ Curb Repair	\$125,000	Not Started
Classroom Flooring	\$112,000	Not Started

Brooks Elementary

Student Furniture	Donated	Complete
Teacher Furniture	\$22,000	Bid Process
Sidewalk/ Curb Repair	\$100,000	Not Started

Hyde Elementary

Portico	\$10,000	Not Started
Sidewalk Repair	\$30,000	Complete
Ceiling Tile Replacement	\$24,000	Ongoing

Near Future Considerations

Update Technology Labs at all schools
Classroom flooring at Bon Meade, Hyde, and McCormick
Parking lot replacement at McCormick and repairs at Middle School and High School
Undetermined building renovations/upgrades due to district growth



SCHOOL SAFETY



School safety and security is a priority at Moon Area School District. The district is committed to partnering with the school community to create a safe environment for all students and staff. In addition, Moon Area School District partnered with the Moon Township Police Department to grow the School Resource Officer (SRO) program.

As part of our school safety program, our students and staff participate in safety trainings and informational programs throughout the year.



SCHOOL RESOURCE OFFICER PROGRAM

Officer Mike Beachy has more than 18 years of law enforcement experience, including 10 years of experience teaching and leading students. As a former United States Marine, Officer Beachy currently serves on the Moon Township Veterans Banner and coordinates Police Department programs such as Santa Cop, Moon Parks Department Spooktacular, and other events. He holds a bachelor's in Ministry Leadership from Lee University.



Officer Cuyler Hale joins the SRO program from the Moon Township Police Department. Officer Hale has more than 11 years of law enforcement experience and is starting his 5th year at Moon Police Department. Upon completion of the Police Academy in 2011 at Indiana University of Pennsylvania, Officer Hale began his law enforcement career with Rochester Borough Police Department. Throughout his career, he has served many different jurisdictions including Beaver Borough and Crescent Township. His career also includes law enforcement experience in an academic environment, including serving as a police officer for Robert Morris University for three years. Officer Hale currently serves as the Vice President for the Moon Township Police Officer's Association and assists in benevolent fundraisers such as food drives for the West Hills Food Pantry.



PUPIL SERVICES

The Moon Area School District Pupil Services Department services a wide variety of student needs throughout the district. The goal of the Pupil Services Department is to assist in carrying out the district's mission of educating every individual in a respectful, safe, enriching environment through comprehensive programs that inspire excellence, lifelong learning, and responsibility.

MASD has 517 students with disabilities receiving supports with an Individualized Education Plan, 173 gifted education students, 108 students with a 504 Service Plan, 247 English Learners, and 45 students who are placed in out-of-district programs.

There are currently seven MASD students who are experiencing homelessness.

SPECIAL EDUCATION

Moon Area School District offers K-12 Life Skills Support classrooms to address the needs of students with disabilities including complex learning profiles. In addition, the district has been consulting with the PaTTAN Autism Initiative ABA (Applied Behavior Analysis) Supports since 2010. The district also provides Emotional Support services via the treatment team model at Bon Meade Elementary School and Moon Area Middle School through a partnership with Wesley Family Services (WFS). A Mental Health Therapist from WFS also provides therapeutic services to support the mental health needs of students at Moon Area High School. This program was designed for students who demonstrate moderate to severe behavioral, social, and emotional needs.



PUPIL SERVICES

ENGLISH LANGUAGE

The district has once again been awarded a grant to help support immigrant students and English Learners through Title III funds for this school year. These funds will be directed to provide an ESL coach to support content teachers who have English Learners in their classrooms. This program offers support to teachers in planning lessons, assignments, and assessments that will make language more comprehensible to the English Learners.

SOCIAL/EMOTIONAL & MENTAL HEALTH

Moon Area School District has many social/emotional and mental health supports in place, some of which include:

- SAP (Student Assistance Program), which is known as MAPS (Moon Assistant Program for Students) in the Moon Area School District, provides services to at-risk students K-12.
- School-based mental health therapists from The Bradley Center service students in all buildings based on referrals made by the MAPS team.
- Peer-to-Peer Program in the high school presents programs directed toward domestic violence and mental health.
- The district has two full-time school psychologists and a graduate level school psychology intern on staff to assist with student mental health issues.
- The school social worker, contracted with the Allegheny Intermediate Unit, provides mental health checks and regular counseling sessions with students identified by school counselors and with parent/guardian permission.

PUPIL SERVICES DATA

	Special Education Students	Students with a 504 Plan
High School	203	49
Middle School	184	40
Allard	8	3
Bon Meade	52	8
Brooks	40	1
Hyde	17	7
McCormick	13	1
TOTAL	517	108

	Gifted Education Students
High School	83
Middle School	58
Allard	7
Bon Meade	5
Brooks	8
Hyde	2
McCormick	10
TOTAL	173

	English Language Learners
High School	61
Middle School	65
Allard	38
Bon Meade	23
Brooks	1
Hyde	57
McCormick	2
TOTAL	247

TECHNOLOGY

CYBER ATTACK RECOVERY

In August, MASD was the victim of a ransomware cyber attack. Fortunately, the district was well prepared and able to recover. Since then, we have taken additional steps to become even more secure, including using Arete, a cybersecurity management service, as a 24 hour monitoring system.

Thank you to all of our families, faculty, and staff for their patience, flexibility, and support as we navigated this situation.

TECHNOLOGY EXPENSES

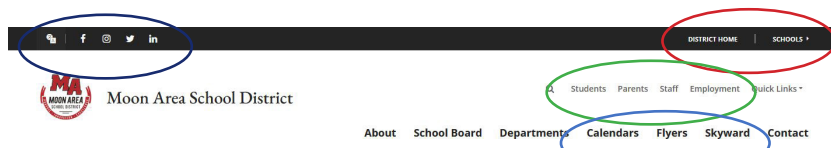
Core Network Upgrade (ERATE)	\$30,000	In-Progress
Hardwire Promethean Boards (ERATE)	\$16,000	Complete
Replace Firewall (PEPPM)	\$30,000	Complete
Online Backups	\$20,000	In-Progress



NEW WEBSITE

Moon Area School District launched a new website this year. Check it out at www.moonarea.net.

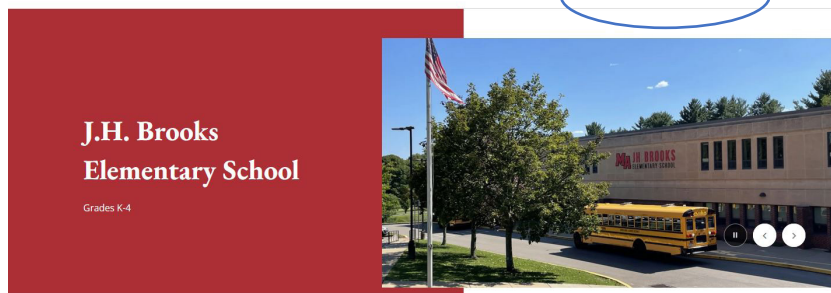
In the gray bar at the top, you'll find a [translation feature](#) as well as [social media links](#) on the left. On the right, you'll find a link back to our [district homepage](#) as well as links to [each school](#). This bar appears on every page, so users always have access to these features.



Below that, you'll see helpful links specifically for [students](#), [parents](#), and [staff](#). You'll also find an "Employment" link that takes visitors directly to our open job postings.

The next navigation level includes links to our [calendars](#), [school and community flyers](#) and [Skyward](#).

Below the header gallery, you'll find an icon menu. This includes links to the [directory](#), [breakfast and lunch menus](#), [technology information](#), [ticket sales](#), [apparel](#) and [new student/ kindergarten registration](#).



FORMATIVE ASSESSMENTS

One way we can measure how well we are preparing our students is through the use of formative assessments. Collecting meaningful data enables us to see what is working well and where we can improve. This includes participating in statewide testing to see how our schools compare to other schools across the state and the country. It also includes collecting individual student data to determine how we can best meet students where they are academically and push them forward.

The pandemic caused a disruption to data collection across the state. In 2020, schools did not have the chance to administer the PSSAs and Spring Keystone Exams. In 2021, many schools across the country saw a dip in their scores. We believe this is a result of the learning time that was lost due to the pandemic. Another factor is that the data was incomplete in many cases, as not all students took the exam.

The 2022 PSSA and Keystone Exam data was recently published by the Pennsylvania Department of Education (PDE). We are pleased to see that we have made a number of gains in our effort to recover from the pandemic, and we recognize that more work must be done.

MASD BUILDING SCORES

The Commonwealth of Pennsylvania released building-level scores for every public school in the state. The scores reflect the school's performance according to the Future Ready PA Index, which rates schools on their achievement and growth.

In addition, the building-level scores are used for school accountability purposes and serve as one way that schools may reflect upon their performance measures in comparison to others. Overall, our schools performed very well, especially coming out of the pandemic. It's important to note that high school data may not reflect the performance of a full cohort, because students were granted COVID-19 Keystone Exam exemptions when the 2020 tests were cancelled. Therefore, not all students were required to test. Consequently, comparing Keystone Exam performance among high schools is not always an effective measure due to differing test participation rates.

	Building Score
High School	80.4
Middle School (Upper)	81.3
Middle School (Lower)	77.3
Allard	77
Bon Meade	88.9
Brooks	81.9
Hyde	72.6
McCormick	95.7

CONGRATULATIONS

We are proud to share that McCormick Elementary School achieved a score of 95.7/100, which makes them the highest scoring elementary school in the Commonwealth of Pennsylvania.

We have many high performing schools in our state, making this status very difficult to achieve. Congratulations to the faculty, staff and students at McCormick Elementary School!



PSSA RESULTS

Due to the COVID-19 pandemic, the Commonwealth of Pennsylvania canceled the 2020 PSSAs for all schools. Thus, there is no PSSA data from 2020.

PSSA MATHEMATICS

	Advanced			Proficient			Basic			Below Basic		
	2019	2021	2022	2019	2021	2022	2019	2021	2022	2019	2021	2022
MASD Grade 3	42.9%	31%	42.4%	33.1%	39.0%	36.7%	15.4%	18.0%	13.3%	8.7%	12.0%	7.6%
PA Grade 3	26.7%	17.8%	20.9%	29.3%	29.5%	26.9%	21.6%	21.7%	23.4%	22.4%	31.0%	28.9%
MASD Grade 4	29.8%	21.6%	34.2%	34.2%	30.0%	38.8%	26.8%	33.2%	16%	9.2%	15.2%	11%
PA Grade 4	19.0%	12.1%	17%	27.2%	23.4%	25.3%	27.7%	30.6%	26.8%	26.1%	33.9%	30.9%
MASD Grade 5	30.2%	16.0%	27.7%	37.8%	32.4%	33.6%	26.5%	31.1%	27.3%	5.5%	20.5%	11.4%
PA Grade 5	15.8%	11.8%	12.2%	27.2%	24.3%	23.3%	33.7%	32.6%	33.5%	23.3%	31.3%	31.1%
MASD Grade 6	32.6%	8.8%	18.9%	33.2%	27.3%	27.5%	24.3%	37.7%	27.2%	10.0%	26.2%	26.4%
PA Grade 6	15.8%	7.6%	13.3%	23.2%	20.6%	18.9%	35.1%	36.6%	28.8%	25.9%	35.1%	38.9%
MASD Grade 7	25.8%	11.7%	16.8%	33.0%	28.6%	26.5%	23.7%	29.3%	31.7%	17.5%	30.4%	25%
PA Grade 7	13.9%	8.1%	9.7%	24.3%	18.8%	17.4%	26.0%	27.1%	30%	35.8%	46.1%	43%
MASD Grade 8	15.6%	11.0%	13.7%	36.1%	21.0%	26.4%	25.9%	30.1%	30.5%	22.4%	37.9%	29.5%
PA Grade 8	9.9%	6.3%	6.8%	22.3%	15.8%	15.7%	28.2%	24.5%	27.1%	39.6%	53.5%	50.3%

PSSA ENGLISH LANGUAGE ARTS

	Advanced			Proficient			Basic			Below Basic		
	2019	2021	2022	2019	2021	2022	2019	2021	2022	2019	2021	2022
MASD Grade 3	27.7%	23.1%	28.8%	59.7%	59.4%	52.9%	10.7%	13.9%	12.2%	2.4%	3.6%	6.1%
PA Grade 3	16.5%	14.2%	11.8%	45.4%	44.1%	40.6%	26.6%	27.7%	29.7%	11.4%	14.0%	17.9%
MASD Grade 4	40.7%	31.6%	41.8%	41.8%	40.1%	38.6%	13.9%	22%	16.1%	3.7%	6.4%	3.6%
PA Grade 4	27.3%	21.4%	21.3%	36.3%	35.2%	30.9%	26.1%	31.5%	29.2%	10.3%	11.9%	18.6%
MASD Grade 5	31.3%	16.8%	23.7%	50.2%	58.2%	49.1%	18.2%	20.9%	21.6%	0.4%	4.1%	5.7%
PA Grade 5	15.8%	8.6%	13.3%	42.7%	46.4%	40.3%	31.8%	34.4%	28.7%	9.6%	10.6%	17.7%
MASD Grade 6	24.9%	19.6%	31.7%	53.5%	50.0%	39.7%	20.6%	26.5%	24.8%	1.0%	3.8%	3.8%
PA Grade 6	20.8%	17.5%	19.4%	42.2%	39.8%	36.7%	31.3%	35.6%	35.6%	5.7%	7.1%	8.3%
MASD Grade 7	24.1%	11%	20.7%	54.5%	52.7%	54.1%	20.7%	32.6%	24.4%	0.7%	3.7%	0.8%
PA Grade 7	14.9%	9.8%	17.8%	45.6%	43.5%	39.5%	36.9%	42.8%	37.7%	2.6%	3.9%	5.1%
MASD Grade 8	28.0%	17.7%	23.7%	47.3%	52.8%	48.5%	19.3%	23.6%	19.9%	5.3%	5.9%	7.9%
PA Grade 8	16.0%	10.9%	16%	41.9%	41.7%	39.7%	30.2%	36.0%	29.9%	11.9%	11.4%	14.4%

PSSA SCIENCE

	Advanced			Proficient			Basic			Below Basic		
	2019	2021	2022	2019	2021	2022	2019	2021	2022	2019	2021	2022
MASD Grade 4	55.3%	47.7%	58.4%	38.1%	43.1%	33.1%	5.9%	8.1%	6.4%	0.7%	1.1%	2.1%
PA Grade 4	38.8%	32.3%	37.2%	39.0%	43.5%	36.5%	17.2%	16.6%	18.3%	5.0%	7.6%	8%
MASD Grade 8	37.9%	28.7%	28.8%	36.4%	36.9%	41.1%	18.2%	17.2%	16.8%	7.6%	17.2%	13.4%
PA Grade 8	23.1%	19.6%	20.1%	35.1%	31.2%	31%	21.9%	22.5%	20.6%	20.0%	26.7%	28.3%

BENCHMARK ASSESSMENTS

ACADIENCE READING SCREENER

MASD uses Acadience reading to identify if students are above or below benchmark and whether they need core support, strategic support or intensive support. The data is used by teachers and administrators to individualize instruction and improve reading outcomes for all students.

The chart depicts the percentage of students who were at or above benchmark at the end of the 2021-2022 school year.

	At or Above Benchmark
Kindergarten	79%
Grade 1	73%
Grade 2	77%

MAPS GROWTH ASSESSMENT

The MAP (Measure of Academic Progress) Growth assessments are adaptive tests that help teachers and administrators use data to make informed decisions about how to maximize student achievement and growth.

Because the tests are diagnostic in nature, students are provided with increasingly difficult questions based on their performance as they take the test. The test aims to find the “just right learning level” for each student by finding the spot where a student gets 50% of the questions correct and 50% incorrect.

Based on the difficulty level of that split, students are grouped into score bands that determine which skills students have already mastered and which skills they are ready to learn. The tests are also norm-referenced, which means that a student's performance is compared to a national group of students who take MAP Growth tests.



HIGH SCHOOL OVERVIEW



GRADUATION RATE

The preliminary data for the Class of 2022 represents the rate as of Nov. 23, 2022. The figure may change slightly once school attribution rules are applied and the rate is finalized.

	MAHS	PA
Class of 2020	94.60%	87.40%
Class of 2021	95.50%	86.70%
Class of 2022	91.89%*	**

* This is preliminary data. | ** PA is not yet available.

ADVANCED PLACEMENT

	2020	2021	2022
Total AP Students	311	275	290
Total AP Exams Taken	579	515	518
Scores of 5	44	63	82
Scores of 4	94	95	108
Scores of 3	147	137	152

PSAT/NMSQT

Number Tested: 137

	Moon 2022	PA 2022	National 2022
Reading & Writing	564	494	483
Mathematics	536	476	469

SAT

Number Tested: 138

	Moon 2022	PA 2022	National 2022
Reading & Writing	564	551	546
Mathematics	536	540	538

ACT

Number Tested: 3

	Moon 2022	PA 2022	National 2022
English	25.3	24.3	19.0
Mathematics	24.3	23.7	19.3
Reading	25.8	25.2	20.4
Science Reasoning	23.5	24.3	19.9
Composite	25.0	24.6	19.8

KEYSTONE EXAMS

Results are based on the performance of the junior class cohort during the 2021-2022 school year.

	Proficient or Advanced	Advanced
Algebra -- MASD (n=200)	86.5%	34.1%
Algebra -- PA	63.9%	28.0%
Biology -- MASD (n=155)	42.6%	5.8%
Biology -- PA	41.9%	13.9%
Literature -- MASD (n=252)	81.7%	20.2%
Literature -- PA	64.9%	10.3%

HIGH SCHOOL OVERVIEW

HONORS COURSES

Algebra II
Anatomy/Physiology
Biology
Chamber String Ensemble
Chemistry
Comparative World History
Concert Choir
Contemporary Global History
Engineering Design 1 and 2
English 9
English 10
French IV, V
Geometry
German IV, V
Percussion Ensemble
Spanish IV, V
Symphonic Band
Trigonometry/Pre-Calculus
US History 1865-1945



ADVANCED PLACEMENT COURSES

Art History
Biology
Calculus AB
Calculus BC
Chemistry
Computer Science Principles
European History
Government/Politics
Language 11
Literature 12
Physics 1
Statistics **
US History



COLLEGE IN HIGH SCHOOL COURSES

Accounting
Physics
Statistics **

*** Statistics can be taken as either Advanced Placement or College in High School.*



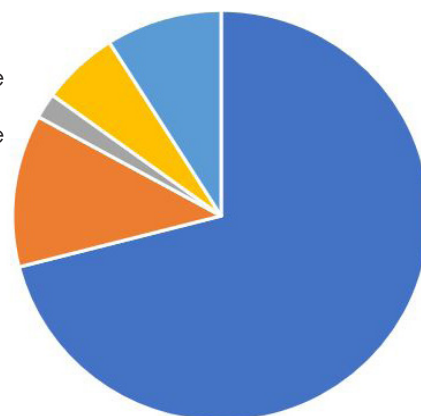
MOON AREA CLASS OF 2022



POSTSECONDARY PLANS

Approximately 83% of Moon Area High School graduates pursue a postsecondary education. 71% are now enrolled in four-year colleges, 12% enrolled in two-year colleges, 2% of students joined the military and 6% entered the workforce. The remaining 9% were undecided or planning to take time off before furthering their education.

- 4 Year College
- 2 Year College
- Military
- Workforce
- Undecided



297

Class Members

111

Senior Scholar Athletes

303

Underclass Scholar Athletes

67

Students Received 180 Scholarships/Awards

24

Students Received 37 Local Scholarships/Awards

37

Students Received Athletic Scholarships

1

Student Was a National Merit Finalist

5

Students Were National Merit Commended Students

1

Gates Scholarship Recipient

1

QuestBridge Scholarship Recipient



WHAT'S HAPPENING IN OUR SCHOOLS?

SCHOOL-WIDE POSITIVE BEHAVIOR INTERVENTIONS AND SUPPORTS (PBIS)

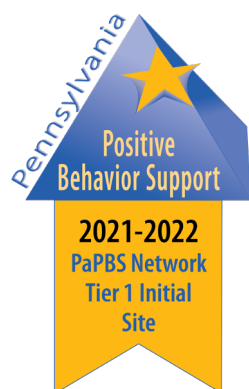
Each of our elementary schools is engaged in School-wide Positive Behavior Interventions and Supports (PBIS). The intent of PBIS is to encourage and reinforce positive behavior from students by creating school-wide expectations.

"Positive Behavioral Interventions and Supports (PBIS) is an evidence-based, tiered framework for supporting students' behavioral, academic, social, emotional, and mental health. When implemented with fidelity, PBIS improves social emotional competence, academic success, and school climate. It also improves teacher health and wellbeing. It is a way to create positive, predictable, equitable and safe learning environments where everyone thrives." (papbs.org)

The PBIS guiding principles include:

- Every child can learn proper behavior.
- Stepping in early can prevent more serious behavior problems.
- Each child is different and schools need to provide many kinds of behavior support.
- How schools teach behavior should be based on research and science.
- Following a child's behavioral progress is important.
- Schools must gather and use data to make decisions about behavior problems.

CONGRATULATIONS!



This year, three of our elementary schools were recognized for implementing PBIS Tier 1 to fidelity. Congratulations to the students, faculty, and staff at...

- Bon Meade Elementary School
- Brooks Elementary School
- Hyde Elementary School



WHAT'S HAPPENING IN OUR SCHOOLS?

POSITIVE BEHAVIOR AT THE HIGH SCHOOL

The High School uses Rachel's Challenge to reinforce positive behavior. In addition, the High School offers Peer to Peer Club. The Peer-to-Peer Club implements activities with students that promote positive behavior and kindness. Character education, leadership, and positivity lessons are completed monthly during homeroom.

In partnership with the Moon Education Foundation, the High School Life Skills Program and Invention Lab students will be constructing a Hydroponics Lab in January 2023.

In November 2022, high school students participated in an assembly called, "One Pill Can Kill" that emphasized the importance of making positive life decisions.

The High School is home to the Shout Club, which is part of the school's diversity, equity and inclusion initiative. This club is an opportunity for students to come together to help make their school a positive environment for all students. They work together to spread kindness, promote acceptance and ensure all students feel a sense of belonging at school.



POSITIVE BEHAVIOR AT THE MIDDLE SCHOOL

At the Middle School, each grade level has a positive behavior support plan. The students do monthly activities focusing on team building, problem solving and collaboration. One student from each team every month is selected as "Student of the Month." Those students have demonstrated positive character traits such as being kind, hardworking, trustworthy, considerate, and helpful. The principals deliver yard signs to celebrate the students of the month!

In the spring semester, the Middle School hosts "Girls Night Out," which helps prepare students for the transition to high school. The girls participate in breakout group activities, talk about issues they are facing and send positive messages to one another.

As part of an effort to recognize the importance of diversity, equity and inclusion, the Middle School is home to the Holla Club. This club promotes kindness, acceptance and belonging at school. Its mission is aligned to the Shout Club at the High School.

Casa San Jose, a non-profit Latino Immigrant Resource Center, provides a mentoring program for Latino students at the Middle School. The Casa San Jose mentors meets weekly with students to help motivate and support them with school and other aspects of their lives. The program is designed to empower students while embracing and feeling proud of their Latino heritage.



WHAT'S HAPPENING IN OUR SCHOOLS?

REGIONAL CAREER FAIR

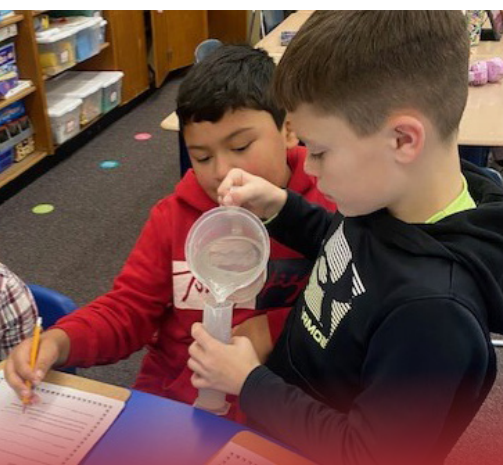
Moon Area School District hosted a regional career fair for students in grades 10-12. The 22-23 Career Fair featured 76 companies with approximately 125 professionals in attendance. In addition to about 935 Moon Area School District students, approximately 210 students from five local high schools participated. Please contact the High School office if you or your company would like to participate.

BATTLE OF THE BOOKS

Each year, MASD students in grades 3-5 have the opportunity to participate in Battle of the Books through the Moon Township Public Library. In addition to students, teachers also participate. It's a great learning opportunity and a lot of fun!

SPELLING BEE

Moon Area School District partnered with the Moon Rotary to make the Spelling Bee an annual event for third grade. The morning begins with parents and family of the Spelling Bee Homeroom Representatives and Alternates, as well as the elementary principals seated in the Moon Area Middle School Auditorium to cheer each of the third-grade classrooms as they arrive. The high energy event has music playing during the welcome, absolute silence as the word is given to the contestant, and then children waving signs and cheering for the homeroom representatives as they spell a word correctly. Not only is it a great opportunity for the students who are in the spelling bee, it's also a lot of fun for everyone else who gets to watch and cheer on their friends!



WHAT'S HAPPENING IN OUR SCHOOLS?

NEW CURRICULUM, TEXTBOOKS, AND LEARNING MATERIALS



MASD remains committed to adopting and implementing relevant, rigorous, and carefully selected materials knowing that instructional materials have a direct impact on student learning outcomes.

Newly adopted materials were implemented in the 2022-2023 school year and included high quality resources for the ELA, Social Studies, Business, and Health departments.

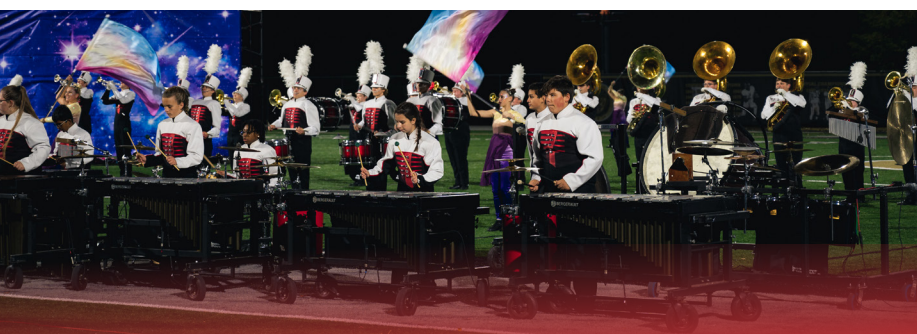
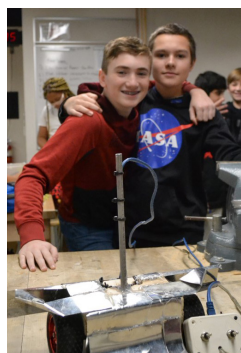
All student materials are carefully screened by department teachers and administrators prior to board approval and are open for public review for 30 days.



SMART FUTURES

MASD's commitment to full implementation of Pennsylvania Career Education and Work Standards continues to grow! Beginning with the 2022-2023 school year, Moon Area students in grades K-8 will engage in career exploration activities through the SmartFutures online portal using their Clever accounts. High school students continue their work in the CEW standards

using the Naviance system. Students begin by participating in surveys and learning activities that bring self-awareness to their earliest aspirations. From there, they explore careers that match their goals while receiving guidance from an eMentor, their teachers, and their school counselors. Finally, students are matched with relevant programs and majors helping to identify schools, colleges, and workforce opportunities providing a best match to for their future success!



WHAT'S HAPPENING IN OUR SCHOOLS?

PROFESSIONAL LEARNING OPPORTUNITIES

MASD continues to build teacher capacity in areas of best practices, differentiated instruction, and preparing all students for college and career readiness. Through essential development opportunities, Moon Area teachers continue to learn and grow by supporting our students through refinement of their instructional skills.

In the 2022-2023 school year, MASD has made the commitment to our teachers to provide meaningful and ongoing learning opportunities. In addition to specific grade level and content area focus trainings, our teachers are participating in LETRS training Language Essentials for Teachers of Reading and Spelling.

All teachers in grades K-2, along with English Language and Learning Support teachers, are participating in the LETRS professional learning program that is rooted in the science of reading. This on-going professional learning experience empowers teachers to help students excel at reading.

For the 2022-2023 school year, Moon Area math teachers are participating in math academies. The first academy is in partnership with Carnegie Learning and the second academy is in partnership with the Allegheny Intermediate Unit. Both academies provide five full-day workshops modeling in a learning-centered environment and fostering conceptual understanding of mathematics learning.

STEAM teachers are participating in yearlong professional learning focused on the natural connections between Science, Technology, Engineering, the Arts, and Mathematics.

Starting with first grade teachers, and in partnership with The University of Oregon and the Rand Corporation, MASD is implementing teaching routines designed to increase the effectiveness of reading instruction. Enhanced Core Reading Instruction (ECRI) is a multi-tiered program supporting our core materials for our youngest learners.



PERFORMING AND VISUAL ARTS

MASD ALL-DISTRICT MUSIC CONCERT

In March of 2022, the MASD Music Department held its 14th Annual All-District Music Concert titled "The Magic of Mowtown." This concert represented over 350 students from all school buildings, with students in grades fourth through twelfth performing in a continuous musical extravaganza in the MAHS Auditorium. The show coincided with the National Association for Music Education declaring March "Music In Our Schools Month."

MASD ELEMENTARY MUSIC

All MASD elementary students have the opportunity to perform in winter and spring concerts each year. In addition, several elementary music students performed at the Moon Area Education Foundation Moonlit 5K and Pittsburgh Youth Chorus' winter and spring concerts.

In addition to performing, elementary music includes many cross-curricular music activities. Third grade students learn skip counting songs while fourth grade students learn a state and capital song. These songs help students remember important information for their other classes. More educational songs will be added as the year progresses.

MASD MIDDLE SCHOOL MUSIC

Moon Area Middle School band, orchestra, and choir students perform in grade-level winter and spring concerts each year. In addition, Middle School Vocal Chamber Ensemble performs in several community events around the holidays.

MASD HIGH SCHOOL MUSIC

The MAHS Honors Choir traveled to New York City in the spring of 2022 to perform at the Basilica of St. Patrick's Old Cathedral and participated in a workshop with conductor Judith Clurman. Three singers from this ensemble qualified for the PMEA District and Region Chorus, and one student went on to qualify for PMEA All-State Chorus. The MAHS Singer Booster Organization sponsored a variety of educational and social events including a masterclass with Dr. Charles Dugan, Jacob Khalil Concert, and the Spring Choir Banquet. In support of Breast Cancer Awareness, the MAHS Combined Choirs performed the National Anthem and Alma Mater with the 8th Grade Choir at the varsity football "Pink Out" game.

In addition, two seniors were selected to perform in the 2022 PMEA All-State Music Festival during the 2021-2022.

MAHS MARCHING BAND

With a score of 91.575 (their highest yet), the Moon Area Marching Band earned first place in Class 3A at the PIMBA Championships! In addition, they earned third place overall! The band also won the best Music and Visual Performance and Overall Effect awards.



PERFORMING AND VISUAL ARTS

MASD THEATRE PROGRAM



Photo Credit: Jamie Greene

The Addams Family

da-da-da-da SNAP SNAP! Moon Area High School proudly presented the new musical comedy, The Addams Family in March 2022. With more than 120 students involved in the production, the students of the Moon Area High School Performing Arts department tackled one of the most hilarious, yet complex shows to date!

The Best Christmas Pageant Ever

In November 2022, the Moon Area Performing Arts Department presented a musical adaptation based on the beloved children's book, The Best Christmas Pageant Ever! The show featured about 200 students, including 40 fourth grade students representing all five MASD elementary schools.



Photo Credit: Jamie Greene

MAGAZINE COVER CONTEST



McCormick Elementary School first grade student Aarav Nagarkoti won the Allegheny West Magazine's cover coloring contest! His artwork was featured on the cover of the November/December 2022 issue.

MAMS STUDENT ARTWORK

Middle School students had the opportunity to create works of art related to the Moon Tiger to be displayed at the Central Office. Camryn Kaufman, who was in 5th grade at the time, created the 2021 winning entry.



ATHLETICS

VARSITY SPORTS

- Baseball
- Boys and Girls Basketball
- Boys and Girls Bowling
- Boys and Girls Cross Country
- Boys and Girls Golf
- Boys and Girls Lacrosse
- Boys and Girls Rugby
- Boys and Girls Soccer
- Boys and Girls Swimming
- Boys and Girls Tennis
- Boys and Girls Track
- Boys and Girls Volleyball
- Boys and Girls Wrestling
- Cheer
- Football
- Gymnastics
- Hockey
- Softball

JUNIOR VARSITY SPORTS

- Baseball
- Boys and Girls Basketball
- Boys and Girls Bowling
- Boys and Girls Cross Country
- Boys Golf
- Boys and Girls Lacrosse
- Cheer
- Girls Rugby
- Boys and Girls Soccer
- Boys and Girls Tennis
- Boys and Girls Volleyball
- Football
- Hockey
- Softball

MIDDLE SCHOOL SPORTS

- Baseball
- Boys and Girls Basketball
- Boys and Girls Cross Country
- Boys and Girls Soccer
- Boys and Girls Swimming
- Boys and Girls Track
- Boys and Girls Wrestling
- Cheer
- Girls Volleyball
- Football
- Gymnastics
- Hockey
- Softball

FALL SEASON OVERVIEW

We had a very successful fall season. Our MAHS athletic teams had a combined overall record of 99-31-1, which is an .756 winning percentage! Go Tigers!

STUDENT ATHLETE RECORDS

- Mia Cochran broke the PIAA Track and Field record for the 3200. Her time was 10:13.62.
- Jake Puhalla set a WPIAL Track and Field record with a time of 1:51:49 in the 800.



ATHLETICS

2021-2022 SECTION CHAMPIONS

- Boys Bowling
- Girls Bowling
- Boys Cross Country
- Football
- Boys Golf
- Gymnastics
- Girls Soccer
- Girls Volleyball

2021-2022 TEAM WPIAL CHAMPIONS

- Girls Soccer
- Gymnastics

2021-2022 INDIVIDUAL WPIAL CHAMPIONS

- Mia Cochran, Cross Country
- Mia Cochran, Track—800m, 1600m, 3200m
- Jake Puhalla, Track—800m

2021-2022 TEAM PIAA CHAMPIONS

- Girls Soccer
- Gymnastics
- Girls Rugby
- Girls Track

2021-2022 INDIVIDUAL PIAA CHAMPIONS

- Mia Cochran, Cross Country
- Mia Cochran, Track—800m, 1600m, 3200m

FALL 2022 SECTION CHAMPIONS

- Boys Golf
- Girls Soccer
- Boys Soccer

FALL 2022 TEAM WPIAL CHAMPIONS

- Girls Soccer
- Boys Soccer

FALL 2022 TEAM PIAA CHAMPIONS

- Girls Soccer

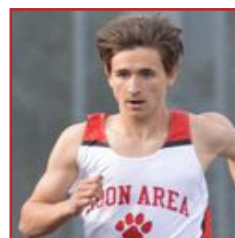
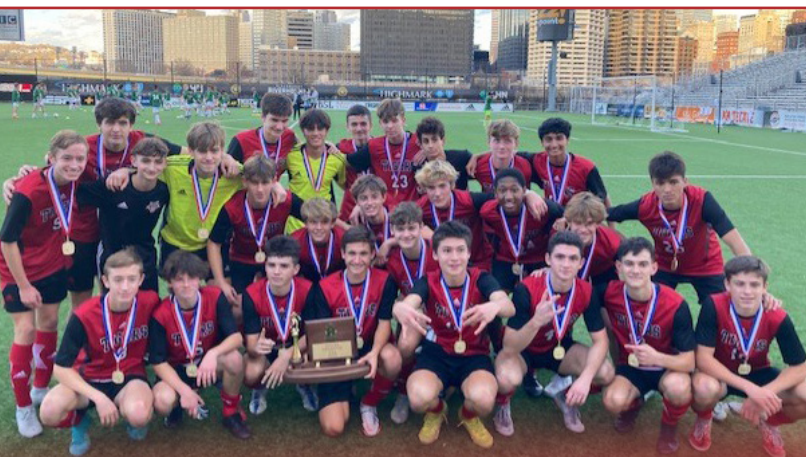


Photo Credit: Pittsburgh Post-Gazette

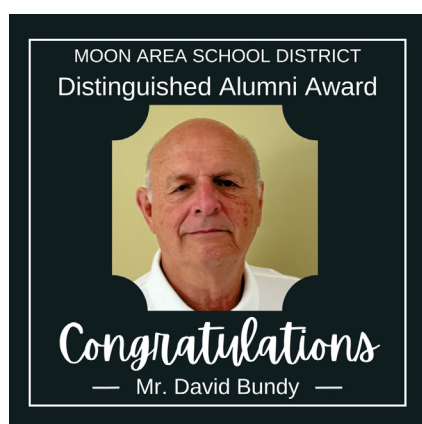


MASD DISTINGUISHED ALUMNI

Moon Area School District announced the first annual recipients of the Distinguished Alumni Award in September 2022. The 2022 MASD Distinguished Alumni Award recipients are the late SPC Matthew Cory Bowe (Class of 2005), Mr. David Bundy (Class of 1969), and Dr. Elizabeth Zona (Class of 1998)!

Each recipient was selected because of the significant contributions they made to our school district or their community in one or more of the following three areas: Career Achievement or Military Service Distinction, Service to Society, and Service and Support to the Moon Area School District. Their accomplishments, affiliations, and careers honor a legacy of excellence.

This year's Distinguished Alumni Award recipients were honored with a dinner, recognized at the Homecoming football game, and participated in the Homecoming parade.



NOMINATE A DISTINGUISHED ALUMNUS/ALUMNA

Moon Area School District is proud of the impact and positive influence our graduates have on people around the world. A vast number of Moon Area's alumni have gained unique distinction through success in their professions, service to the nation, and contribution to their communities. The district administration and faculty have established the Distinguished Alumni Award to honor outstanding MASD graduates and to celebrate their achievements.

If you know of somebody who graduated from Moon Area High School who deserves recognition, nominate them for the Distinguished Alumni Award! Anybody is welcome to submit a nomination; however, self-nominations will not be permissible. All nominations will be reviewed by a committee. If selected, nominees will then be invited to complete the full distinguished alumni application.

[Click to learn more and submit a nomination.](#)

DISTINGUISHED FACULTY

We are fortunate to have an incredible faculty at Moon Area School District. We are planning to launch the Distinguished Faculty Award later this year. Stay tuned for more information!

MA

MOON AREA

SCHOOL DISTRICT

TM

PURPOSE

INNOVATION

EXCELLENCE