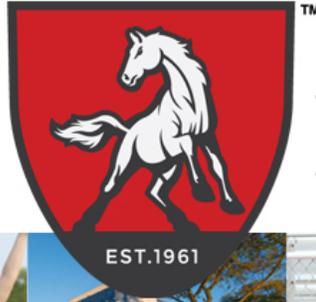


MUNDELEIN



HIGH SCHOOL



MHS CORE VALUES: EQUITY GROWTH COLLABORATION

A weekly principal's blog to share what is happening at Mundelein High School!

For a copy of the blog in google drive- [English here!](#) [Espanol aqui!](#) [یہاں اردو](#)

Friday, December 16, 2022

Mustang News: Principal's Blog

Mustang Families,

Our Mundelein Community gathered at MHS this week in a morning filled with community, connection and collaboration. We look forward to our continued partnership on behalf of the betterment of all our families!



In partnership,
Alexandria Rios Taylor
Principal
847-949-2200 x1230
ataylor@d120.org

Important Dates

- **Thursday and Friday, Dec 22 and 23-** Final Exams
- **Monday, Dec 26-Jan 6** Winter Break

[Friday Focus](#)

Visit MHS

Thank you for your interest in visiting Mundelein High School! We are proud to host visitors to learn more about our programming and facilities. In order to minimize the impact on the educational environment, we have chosen to host visitors on select days through the school year.

Therefore, to secure a visitation time, please fill out our online form so we are able to provide the necessary information and personnel during your visit to MHS. Click on the image below for the list of tour dates available January - May.



The image shows a screenshot of a web form for Mundelein High School. At the top, there is a header with the school's name "MUNDELEIN HIGH SCHOOL" and a logo featuring a red shield with a white horse and the text "EST. 1961". Below the header, the form title is "Registration for visiting Mundelein High School". The main text of the form reads: "Thank you for your interest in visiting Mundelein High School! We are proud to host visitors to learn more about our programming and facilities. In order to minimize the impact on the educational environment, we have chosen to host visitors on select days through the school year. Therefore, to secure a visitation time, please select from the following options so we are able to provide the necessary information and personnel during your visit." Below this text, there is a user identification section showing the email "ataylor@d120.org (not shared)" with a "Switch account" link and a "Required" asterisk. The final section is titled "Select a day to visit *" and contains five radio button options: "Thursday, December 15, 2022 - 4:30 to 5:30pm", "Tuesday, January 17, 2023 - 4:30 to 5:30pm", "Thursday, February 2, 2023 - 4:30 to 5:30pm", "Friday, March 3, 2023 - 4:30 to 5:30pm", and "Wednesday, April 12, 2023 - 4:30 to 5:30pm".



Summer School 2023

As we approach the cold winter season, it is time to start thinking about Summer School!

Important: For those who have had students in MHS summer school before, our registration procedure has changed. Students will now register for their desired

summer school class **during course registration with their counselor.** Families will be billed through RevTrack at a later date. Please visit our summer school course guide (linked below) for more information.

Students should print and fill out the “Summer School Course Selection” page and bring it to their course selection appointment. Printed copies are available in the Guidance Office.

[Summer School Course Guide - English](#)

[Summer School Course Guide - Spanish](#)

[Summer School Course Selection](#)

2023-2024 Course Selection

Course selection for the 2023-2024 school year will begin on Monday, November 28th with our grade 11 students. Students in grades 10 and 9 will select courses after the winter break. The following resources are available to our families to assist with the course selection process.

[MHS Course Guide](#)

[Course Preference Sheet](#)

[Tech Campus Program Guide](#)

[4-year planning document](#)

Registration for visiting Mundelein High School

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[Visit MHS](#)

Staff Recognition

Our outstanding staff are being recognized for remarkable teaching, coaching, mentorship, collaboration, student-centered support, and making-a-difference!
Congratulations!



Nicole Pomerleau
Nominated by Ryan Buck



June Kim

Nominated by Mike Dayton



Patti Pfankuche & Bobby Gray
Nominated by Michelle Bank



Kristen Beherns & Blair Winter
Nominated by Gissele Drpich



Alexa Tanglis & Sydney Hamilton
Nominated by Autumn Graef



Victor Garcia

Nominated by Jenny Lipske, Becca Stone, Kelly Schur, Andy Johnson

Student Recognition

Congratulations to the Science Olympiad Team who competed at Neuqua Valley High School last weekend.

1st Place-Anatomy and Physiology

Senior: Tyler Bell

Junior: Kristina Spada



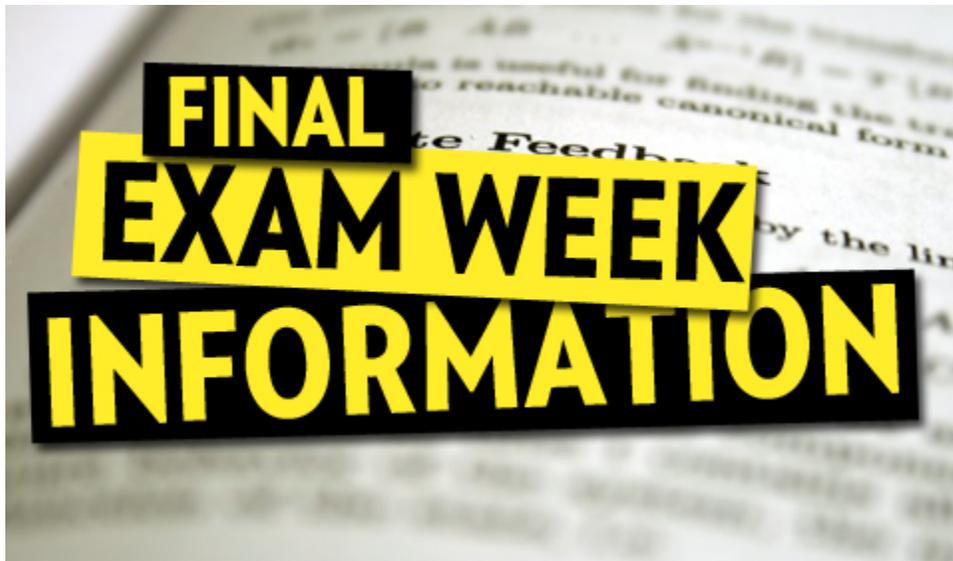
5th Place-Trajectory

Senior: Ava McQuain

Senior: Ciara West



Final Exam Information



Click [here](#) for final exam information! See schedule below.

	Thursday (12/22/22)	Friday (12/23/22)
8:40 am - 9:35 am	Period 3	Period 4

9:40 am - 10:35 am	Period 1	Period 2
10:40 am - 11:35 am	Period 7	Period 8
11:40 am - 12:35 pm	Period 5	Period 6
1:20 pm - 3:20 pm	*Exam Makeups as needed Assessment Center open	*Exam Makeups as needed Assessment Center open

CCRC

The John W. Lynn Performing Arts Scholarship



\$1,000.00 Scholarship

**To One Mundelein High School Student
Pursuing An Education In The Performing Arts**

Completed Applications Due: January 20th, 2023

Scholarship Applications Available Online at www.kirkplayers.org

Complete and Email To info@kirkplayers.org

Eligibility Limited To MHS Students

For more information, email us at info@kirkplayers.org
visit our web site at: www.kirkplayers.org



Seniors, completing a FAFSA or Alternative Application is required to graduate. If you need assistance completing your financial aid application, please stop by the CCRC- B105! On Mondays, we have a representative from ISAC come to our CCRC for drop-in financial aid assistance but feel free to stop by any day of the week for help. If you choose to **not** complete a financial aid application, you must fill out a non-participation waiver. Please see Ms. Bogseth at the CCRC- B105 to obtain a waiver.

Here is a great resource with FAFSA information:

[MHS Virtual CCRC FAFSA page](#)

Athletics

Reminder to all MHS parents and visiting spectators. Mundelein does charge for home boys basketball games and home wrestling matches using the GoFan app. Here is the link <https://gofan.co/app/school/IL15597>

Boys Swim/Dive Coaches Corner

This weekend the divers placed 2nd as a team in the GBN Sprint Classic. Johnny Anno broke 400 for the first time this season and placed 2nd individually. Joey Kafka placed 10th overall.



Girls Bowling Coaches Corner

It was a huge week for Girls Bowling. On Saturday, two JV teams represented Mundelein earning 2nd and 7th place respectively out of 18 teams. Eliana Seleps took

2nd place in Top Series. High game medalists were: Paige Winters (2nd), Anna Kuznetsova (3rd), Eliana Seleps(6th), and Rebecca Gokhman (10th).

On Monday, we competed against LHS for what we knew would be a tough match. Varsity and JV bowled amazing scoring better than they have all season. Taking the competition by over 250 pins, Mundelein won with a total pin count of 2722. Shout out to Brianna Merner for a 700+ series (bowling over 200 each game with a high game of 258). Other shout outs for individual highest games of the season are: Samantha Sciortino (223), Eliana Seleps (206), Rhiannon Ellis (177), and Mia Manliguis (139). We are now 4-0 in Conference.





Two of our bowlers, Mia and Talia, earned turkeys tonight! Go Mustangs! Principal Alexandria Rios Taylor was there to witness!

Boys Basketball Coaches Corner

The Mundelein Athletic Department and The Boys Basketball Program would like to take this time to honor a North Suburban Conference coach of Warren's Sophomore Basketball, coach Don Kloth on achieving several remarkable milestones. Coach Kloth is one of the greatest coaches in Lake County History. He is coaching his 50th year of basketball. Over Four Decades of those seasons were at Zion-Benton High School. During those 50 years of excellence, Coach Kloth has won over 1,000 games. His 25 year run as the Varsity Coach at Zion-Benton included 528 wins, 14 Regional Championships, 4 Sectional Titles, and a 2nd place in state finish during 2007-08. Coach Kloth achieved this success with hard work and incredible dedication. His success is only exceeded by his humility. His intensity as a coach is exceeded by his kindness. His brilliance in basketball is exceeded by his work ethic. His amazing drive to win is exceeded by his caring for the players he coached.

We are proud to honor Coach Don Kloth for his longevity, his success, and his character.



Wrestling Coaches Corner

The Mundelein Mustangs had a busy week hosting Stevenson Thursday and heading to Waukegan Friday night. The Varsity had a few last minute hiccups with the starting line-up against Stevenson and had to make a few adjustments. As Coach Stocker was filling in some holes in the starting line-up, Sophomore James Krusinski took one for the team and filled in at 126 helping the Mustangs fill the line-up. The Mustangs took the lead early with a HWT pin from Abisi Hernandez, a win from 113 Pablo Baceera, and a pin at 120 with Mundelein's Bryce Durlacher. James Krusinski saved a team point by not getting pinned by Stevensons Kogan. Followed by a close match from Freshman Ethan Banda. The Mustangs lost by pin to returning State Place Frezza and took back the lead with 145 Kevin Hernandez and 152 Sophomore Gael Diaz. After 152 the Mustangs maintained the lead and then fell short starting from 160-195, losing 46 to 23 against the Stevenson Patriots. Other Freshman and JV wins came from 120 David Martinez (13-3), 145 Danny Hernandez (15-0), 138 Alex Konewko (8-1), 138 Luis Lugo (7-1), 145 Terrance Moore (6-0), and 145 Anthoni Calixo now 9-0 of the season.

Friday was a short but bitter sweet victory beating Waukegan 63-6. The Mustangs took many forfeits starting at 113 Bacerra, 120 Durlacher, 132 Banda, 145 K. Hernandez, 152 Diaz, 170 Rastrelli, 182 Nieves, and 195 R. Konewko. Other winners were Ethan Thomas at 138, Ty Murray at 160, and Abisi Hernandez at HWT. Our JV winners were James Krusinski, Willy Nieves, Terrance Moore, and Dylan Coe. The Varsity Mustangs are now 9-3 of the season.

Having back to back dual meets the Varsity Mustangs rolled out to Hoffman Estates High School to a 17 Team Tournament Saturday morning. The Mustangs had 11 Varsity Starters missing 3 weight classes. Missing 3 weights in a line-up it's hard to pull off a team victory but the Magnificent Mustangs pulled through by being crowned the team tournament champs and having all 11 wrestlers place in the top 5! 138 Ethan Thomas and 145 Kevin Hernandez took 5th place, 152 Gael Diaz and Mikey Nieves took 4th place, and 170 Mac Rastrelli and Abisi Hernandez took 3rd. The Mustangs had 5 in the finals and 2 Champions to finish with the Tournament Team Trophy. Placing 2nd was Sr. Ty Murray at 160 and our amazing Freshman 113 Pablo Bacerra and Ethan Banda finishing top 2. Mundelein Champs came home with the Gold were our two Seniors Bryce Durlacher at 120 and Benji Albavera at 132. Congratulations to these Grapplers.

The JV Team traveled to Niles West for three duals with Niles West, Taft, and Reaves. The JV Mustangs started the duals with wrestling host Niles West winning 59-6, then

beating Taft 48-24, and finally finishing off with a nail biter against Reaves 36-30. Winners in the duals include: 126 Ragel 2-0, 126 Krusinski 3-0, 132 Moore 2-0, 138 A. Konewko 3-0, 145 Calixto 3-0, 152 O. Hernandez 1-2, 160 W. Nieves 2-1, 170 R. Konewko 3-0, and 182 Coe 2-1. The Mundelein JV finished 3-0 and now 7-1 in duals.

The Frosh Soph traveled to Conant High School for an Individual Tournament. Having 4 placers in the Tournament. Our 2nd place finishers were 120 Neftali Cernas, 126 David Martinez, and 220 Celso Cabrera finishing 2-1 in the tournament. The Mustangs had 1 Champs at 145 Danny Hernandez went 3-0 and is now 15-0 of the season. Great week and weekend for the Mustang Wrestling Team. Keep Grinding.

Varsity



JV

Freshmen/Sophomore



Baseball fundraiser

MHS BASEBALL FUNDRAISER



TIPSY O' BRIAN'S
MUNDELEIN

320 E. Hawley Street

Wednesday, December 21st

4:00 pm – Close

20% of all food & beverage will be
donated to the MHS Baseball program

The Foundation

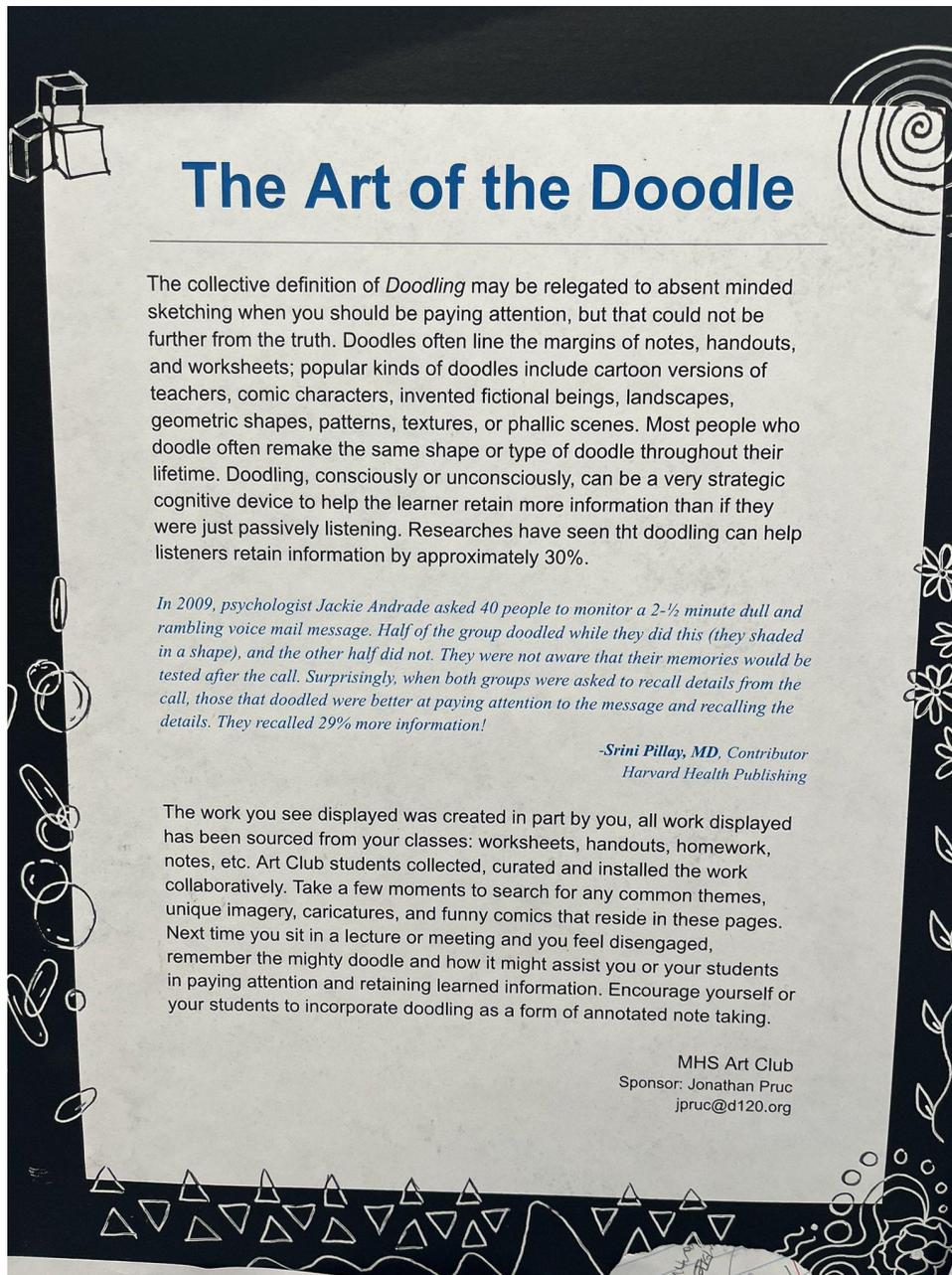


MUNDELEIN HIGH SCHOOL
FOUNDATION



The MHS Foundation is seeking for board members and volunteers. We are looking for parents, alumni and community members who are able to share a little of their time and talents making a difference in the MHS community. The Foundation supports the whole school community including classrooms, programs, afterschool activities, athletics, arts, music, to name a few. We would love to talk to you about joining MHS Foundation. Please call Jennifer at 847-987-7955 for more information.

Around MHS



The Art of the Doodle

The collective definition of *Doodling* may be relegated to absent minded sketching when you should be paying attention, but that could not be further from the truth. Doodles often line the margins of notes, handouts, and worksheets; popular kinds of doodles include cartoon versions of teachers, comic characters, invented fictional beings, landscapes, geometric shapes, patterns, textures, or phallic scenes. Most people who doodle often remake the same shape or type of doodle throughout their lifetime. Doodling, consciously or unconsciously, can be a very strategic cognitive device to help the learner retain more information than if they were just passively listening. Researches have seen tht doodling can help listeners retain information by approximately 30%.

In 2009, psychologist Jackie Andrade asked 40 people to monitor a 2-½ minute dull and rambling voice mail message. Half of the group doodled while they did this (they shaded in a shape), and the other half did not. They were not aware that their memories would be tested after the call. Surprisingly, when both groups were asked to recall details from the call, those that doodled were better at paying attention to the message and recalling the details. They recalled 29% more information!

-Sriini Pillay, MD, Contributor
Harvard Health Publishing

The work you see displayed was created in part by you, all work displayed has been sourced from your classes: worksheets, handouts, homework, notes, etc. Art Club students collected, curated and installed the work collaboratively. Take a few moments to search for any common themes, unique imagery, caricatures, and funny comics that reside in these pages. Next time you sit in a lecture or meeting and you feel disengaged, remember the mighty doodle and how it might assist you or your students in paying attention and retaining learned information. Encourage yourself or your students to incorporate doodling as a form of annotated note taking.

MHS Art Club
Sponsor: Jonathan Pruc
jpruc@d120.org

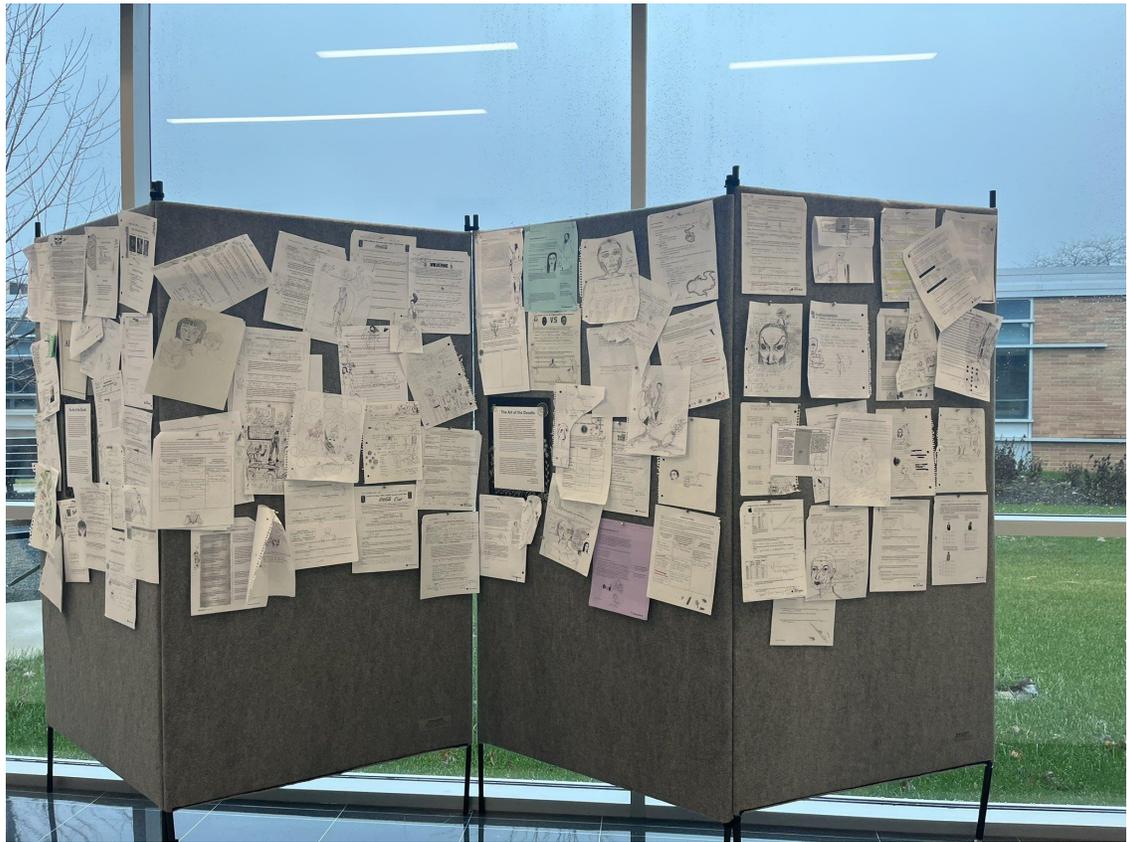
The Art of the Doodle, was created in part by you, all work displayed has been sourced from your classes: worksheets, handouts, homework, notes, etc. Believe it or not, doodling is a very powerful cognitive tool. It can help students better listen by keeping their mind and focus active. Personally if I don't have something to do with my hands I am bound to tune out.

Some researchers suspect doodling may help the brain remain active by engaging its "default networks"—regions that maintain a baseline of activity in the cerebral cortex when outside stimuli are absent, the Lancet study says. People who were encouraged to doodle while listening to a list of people's names being read were able to remember 29% more of the information on a surprise quiz later, according to a 2009 study in Applied Cognitive Psychology. -WSJ

Below are some resources about doodling, including a great short segment from CBS Sunday Morning News.

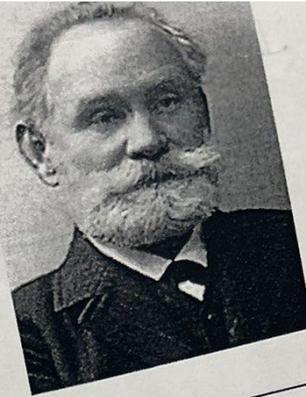
If you have time to it would be great to play the clip for your classes.

- CBS Sunday Morning News Clip: [The Higher Purpose of Doodling](#)
- Wallstreet Journal: [The Power of the Doodle: Improve Your Focus and Memory](#)
- The Art of Ed: [The Power and Purpose of Doodling](#)

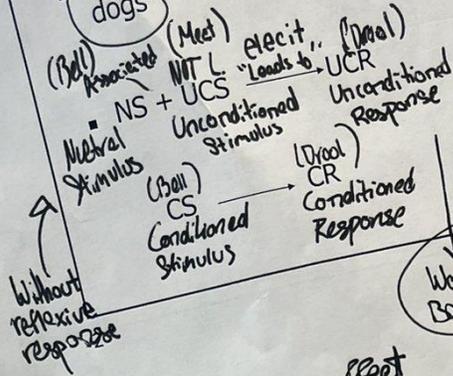


To associate

- * Ivan Pavlov *
- Referred to as Associative Learning
- Performed experiments on dogs



Bell + Meat -> Drool



Contiguity (close together in time)
Continuity (Repeatedly)

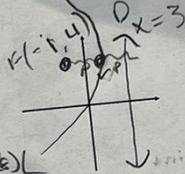
Cause -> effect
Food -> Drool (Not learned) evolved

October 19, 2021

a, p, and t

Determine the following...

- Directrix: $x=3$
Focus: $(-1, 4)$
- Opens: Up
- Vertex: $(-1, 4)$
- $p = 2$
- LR = 8
- Equation: $x = a(y-k)^2 + h$



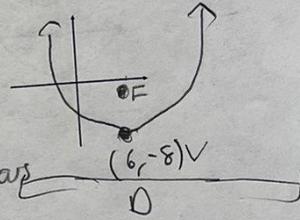
$$a = \frac{1}{4p}$$

$$a = \frac{1}{8}$$

$$x = \frac{1}{8}(y-4)^2 + 1$$

Determine the following...

- $y = 3(x-6)^2 - 8$
- Opens: Up
- Vertex: $(6, -8)$
- $p = \frac{1}{6}$
- LR = $\frac{1}{3}$
- Focus: $(6, -8\frac{1}{3})$
- Directrix: $y = -8\frac{2}{3}$



$$a = \frac{1}{4p}$$

$$12p = \frac{1}{12}$$

$$p = \frac{1}{12}$$

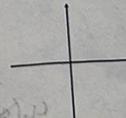
Determine the following...

- LR = 6
Vertex: $(-1, -8)$
Opens: left
- Equation:



Determine the following...

- $y = \frac{1}{15}(x-7)^2 + 22$
- Opens:
- Vertex:
- Focus:
- Directrix:
- LR =



Dec. 2022

...of government be...
 ...What powers would be granted...
 ...discussed in the Constitution lists some enumerated powers...
 ...of the President's power has evolved over time, and derives from...
 ...Article II: "The Executive Power shall be vested in a President of the...
 ...America." (Article II, Section 1 of the U.S. Constitution)

...and Article II of the U.S. Constitution. In the first column of the chart...
 ...enumerated powers described in Article II. In the second column, use...
 ...71 in your textbook to list the inherent and evolved powers of the office.

Enumerated (Constitutional) Powers	Inherent and Evolved Powers

Sample: free

2. There are two possible explanations for why Mr. Dorgan only made 32/50 free throws.

- 1) He just happened to shoot < 80%, but super, all day
- 2) Mr. Dorgan is exaggerating about his free throw skills

To test Mr. Dorgan's claim, we will assume #1, he is an 80% free throw shooter, and examine the likelihood that he makes 32/50 shots through simulation.

- 3 Use the spinner provided to simulate 50 free throws shot by an 80% free throw shooter by spinning 50 times. What is your sample proportion of shots made?
- 4 Repeat for another sample of 50 spins. Calculate the sample proportion.
- 5 Add your sample proportions to the dots on the board. Each person in your group should add two dots to the board. Sketch the output below.

0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00
 proportion of FT made

2. How might this story show how family do it can determine how your biggest hopes are to accomplish.

more at more is better
 Am Hunter
 org.
 - teacher canless
 - computer
 - same for
 - get to

The Art of the Doodle

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-Srinil Pillay, MD, Contributor
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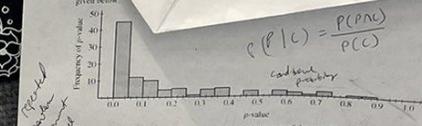
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MHS Art Club
 Sponsor: Jonathan Pruc
 jpruc@f120.org

APPOINTMENT CALENDAR

Staff is responsible for assisting the President. They develop a working relationship with the President and have no independent legal authority. You will meet with your staff members to discuss the people you work with in your discussions, usually at the start of class.

Member	Classmate	Location (Spot in the room where you will meet. The white board in Canada, the window the Atlantic Ocean, the back wall Mexico, etc.)
Security	Lily	Canada
Press Secretary	Jiang N.	Atlantic Ocean
White House Counsel	Matt Li	Stage's seat



Use the information in the histogram to estimate the power of the test if the test is performed at the 0.10 level of significance. Indicate how you obtained your estimate.

10. Explain, in the context of this story, what the variables $P(A|B)$, $P(B|A)$, and $P(A \cap B)$ represent.

The Federalist No. 10

As you read Federalist No. 10 through a political science lens, you will focus on the argument for why a republic is a suitable government for a large country. Pay attention to how Madison supports his claim. Political scientists have analyzed the defense of the Constitution by those who considered and then advocated for it.

Consider how Madison develops an argument about how a large republic can best preserve individual rights. Consider the counter-argument of how a small republic might be better. How does Madison's argument in this paper compare to the arguments in the Madisonian defense of the three-way government created at the Constitutional Convention?



Federalist 10
 From the New York Packet, published Friday, November 21, 1787.
 Author: James Madison

To the People of the State of New York

AMONG the numerous advantages promised by a well-constructed Union, none appears more probable than that it will extend the sphere of liberty. The spirit of party and faction, as when confined to the narrow compass of a single State, is less likely to break out into a full and unbridled career, than when it is extended to the whole of the Union. It is a well-known fact, that in a small State, the passions of individuals are more likely to be carried to excess, and to be supported by a majority of the community, than in a large one. In a large State, the passions of individuals are more likely to be moderated, and to be supported by a minority of the community.

...influenced by outliers
 ...and their correlation.

... (close to 3)

*On Formula sheet

$a = \frac{1}{n} \sum y_i$

... help you complete a task faster?
 ... were taught how to solve a puzzle?
 ... were taught how to solve a puzzle?
 ... were taught how to solve a puzzle?
 ... were taught how to solve a puzzle?

... closer to 0%

... of practice are $a = 0$ practice and $b = 450$
 ... of practice are $a = 0$ practice and $b = 450$
 ... of practice are $a = 0$ practice and $b = 450$
 ... of practice are $a = 0$ practice and $b = 450$

STATS MEDIC

Lesson 2.2 Day 2: Designing Experiments

... principles of a...
 ... principles of a...
 ... principles of a...
 ... principles of a...

Dias Feriados by Puertas







Holiday Band Choir Concert





Previous Reminders

Attendance

Regular school attendance is required and necessary to develop the academic and intrapersonal skills needed for success. Students are expected to attend each class and be on time. Students who attend school regularly have been shown to achieve at higher levels than students who do not have regular attendance. If your student is going to be absent from school, please call the Attendance Line 847-949-2200 ext. 1998 (Spanish) ext. 1999 (English) by 10:00 am.

What is Good Attendance?

Our MHS Attendance Committee felt it was important to create a simple and clear visual that students and families can reference to understand our expectations surrounding what good attendance looks like. See below for more information.

Bus Notifications

Would you like to know when your student's bus is going to be late? For Mundelein bus routes, Lakeside Transportation is using the Bus Bulletin notification system to notify parents and students when there are bus delays and schedule changes. For more information, or to sign-up and start receiving notifications, please visit:

www.busbulletin.com/parents (*Find Mundelein Area Schools when prompted for a district*) *Note - This is managed by Lakeside Bus Company and not MHS.

Technology Use

Students will utilize technology to support their learning in class. Students are reminded to use their Chromebooks and cell phones appropriately at all times. For further information about technology use, please refer to the student handbook located on the District web page - [☰ 2022-2023 Student/Parent Handbook](#)

Go Mustangs!



The Principal's Blog: Mustang News is available weekly at

<http://mundypride.blogspot.com/>