



# Mineola High School

Preparing our  
students for the  
4th Industrial  
Revolution

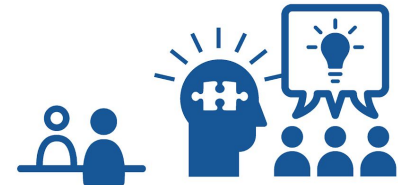
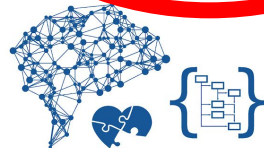
## Top 10 skills

### in 2020

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

### in 2015

1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgment and Decision Making
9. Active Listening
10. Creativity



CREATIVITY  
CRITICAL THINKING  
COORDINATING WITH OTHERS  
COMPLEX PROBLEM SOLVING

**Marvel** (Make observations, (magnify) (mindful)

**Understand** “The Problem” and the audience  
(understand the need)

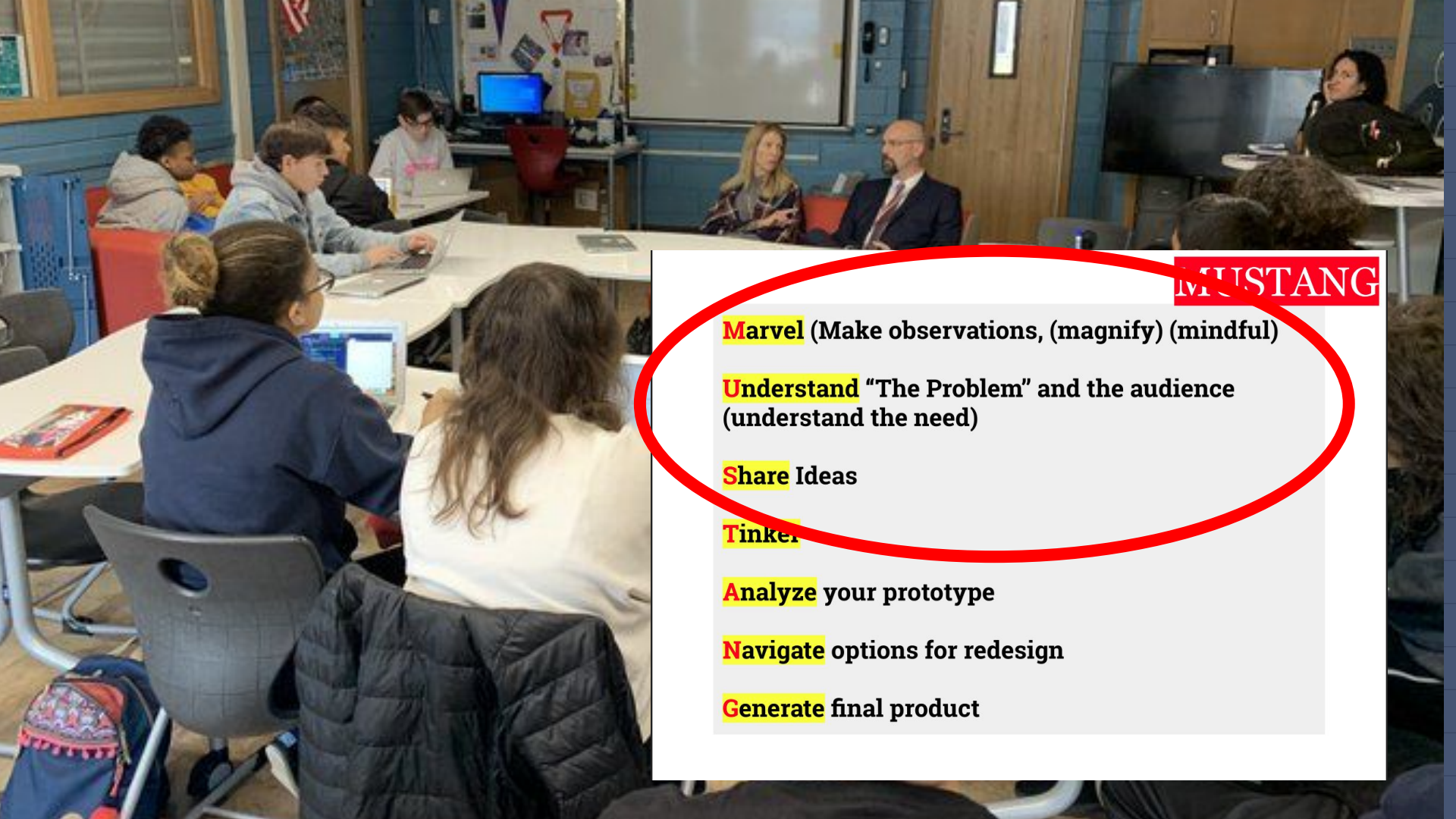
**Share** Ideas

**Tinker**

**Analyze** your prototype

**Navigate** options for redesign

**Generate** final product



## MUSTANG

**Marvel** (Make observations, (magnify) (mindful)

**Understand** "The Problem" and the audience  
(understand the need)

**Share** Ideas

**Tinker**

**Analyze** your prototype

**Navigate** options for redesign

**Generate** final product



## Proud to Be #MineolaMade

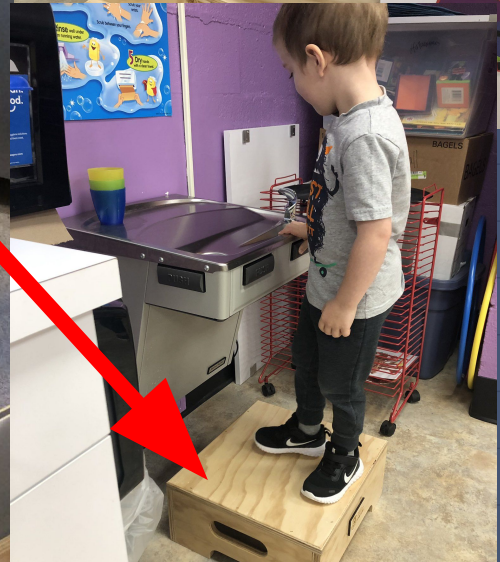
Sperry is proud to offer local products made by students at Mineola High School on display at our Garden City Park branch! Stop in to purchase student-designed/manufactured lanyards, mugs, shirts, socks, and more that display your local pride.

All proceeds directly support the students maker program.

Learn More About #MineolaMade and the MusBuyTangs [HERE](#).





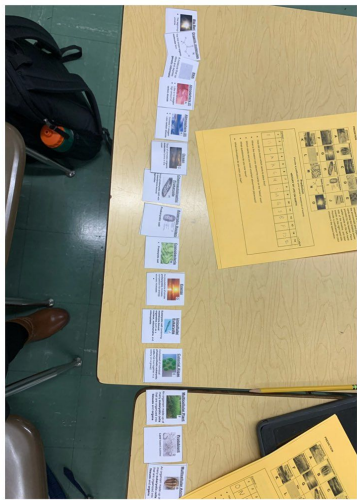




### Module 2 Application Task Driving Questions

WHAT QUESTIONS WILL NEED TO BE ANSWERED TO SERVE AS A GUIDE IN DETERMINING IF YOU CAN SURVIVE ON MARS?

Understanding the characteristics of Life	Mars	Space travel
→ What type of plants can Grow?	→ weather	→ How will we get there?
→ How much oxygen is needed?	→ IS there gravity?	→ How long will it take?
→ How much sunlight?	→ IS there other life there?	→ IS there day/night?
→ IS there movement?	→ IS the water Sustainable?	→ Will there be enough medical equipment?
→ Does it need nutrition?	→ IS the pH of the water good to drink?	→ How many Spaceships needed?
→ Does it Grow?	→ What is the temp. like?	



### Prediction

AFTER VIEWING THE VIDEO DO YOU THINK THAT ANOTHER PLANET COULD HAVE ENOUGH RESOURCES TO SUSTAIN LIFE.

3 questions you think are most important to determine whether life could be supported on mars?

What info do you already have that could help answer these questions?

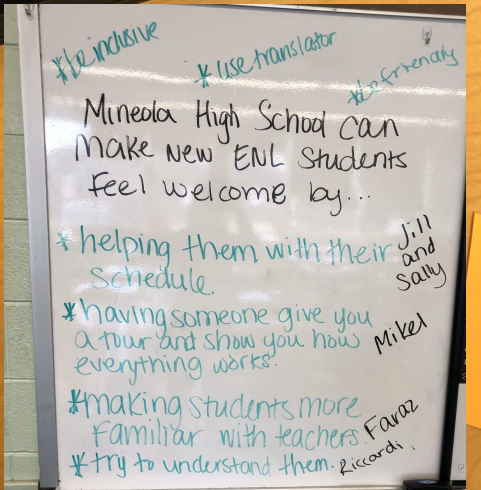
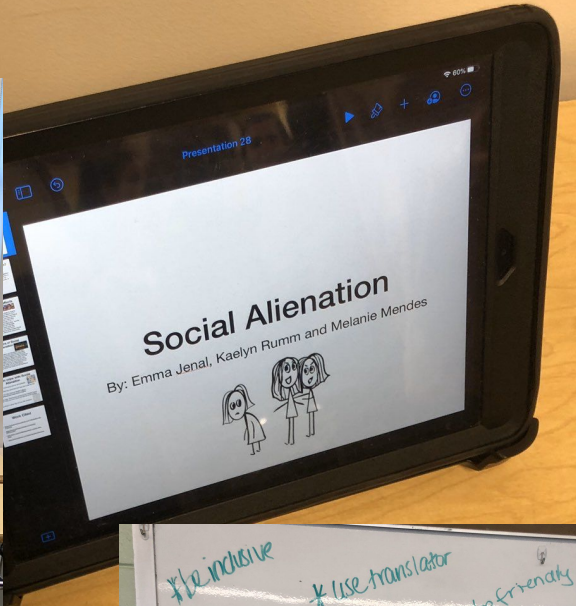
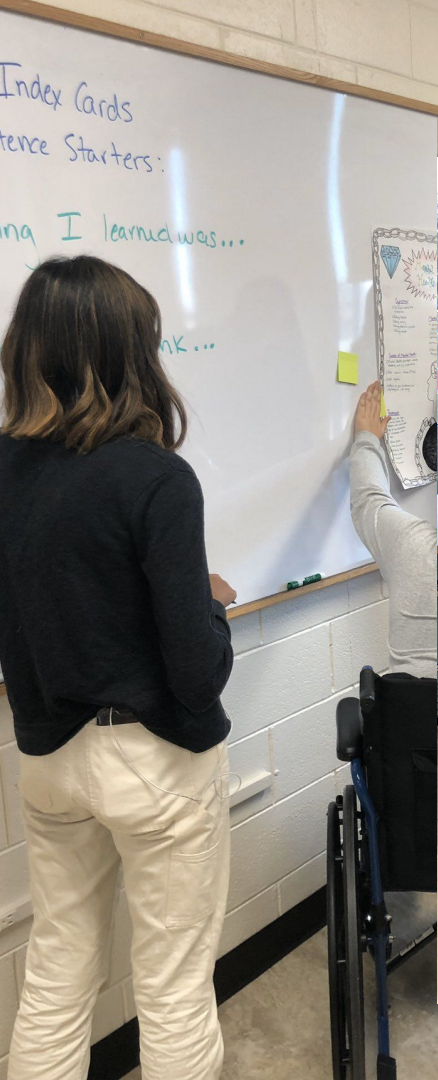
→ How much H <sub>2</sub> O is found on Mars?	→ There is Frozen water
→ IS there enough Food?	→ Temperature is cold
→ Can Plants be Grown on Mars ground?	→ Bacteria has been found!
→ IS there other life?	
→ How long is a day on Mars?	

Students, write your response!

Typing here to search

# One way Ticket to Mars!







**How do we continue to make learning relevant for our students?**



# Internet & Information Technology Cohort Program

	Cohort A (2018)	Cohort B (2019)	Cohort C (2020)	Cohort D (2021)
Beginning # of Students	17	18	14	12
Ending # of Students	13	14	14	
Number Receiving Certificate	5	5		
Number Attending QCC	5	1		

# Strand Expansion

## Computer Systems Technology

- 3 Classes @MHS

- 4 Classes @Farmingdale

- Full Year Internship with CoreBTS (Sales, Marketing & Technical Services)

## Advanced Manufacturing

- 2 courses @MHS

- Experience-based field trips

## Healthcare

- Senior Strand: 1 class @MHS

- Rotations at NYU Winthrop Hospital (Physical Therapy, Pharmacy, and Radiology)

- 1 student - Central Sterile

# Drivers: Team Meetings, BCC & ICC

## Building Culture Committee

- ❑ Restorative Practices
- ❑ Advisory
- ❑ School Culture - K12 Insight Data
- ❑ SEL

## Innovative Curriculum Committee

- ❑ Grading Policy
- ❑ Mastery Grading
- ❑ Student Ownership
- ❑ SAMR/Four Cs
- ❑ Digital Portfolios

## Team Meetings

- ❑ Common Assessments
- ❑ Shared Practices
- ❑ Curriculum Alignment
- ❑ Analyzing Data

# Connectors

Parents - Students - School

Newsletters

Instagram

Twitter

Website

+ Canvas LMS

- Automatic Sync to eSchooldata
- Streamlined Parent / Student Communication
- Course Module Builder - ability to share content with >5 users
- Embedded Assessment Builder
- Open Educational Resources




# SERVICE ORIENTATION



Following


**Mineola SO**  
74 Photos & videos

Mineola SO @Mineola\_SO · Feb 28  
Just like Disney the Seniors were magical. @mineolahs



0:32 648 views 23 likes 2 retweets

Mineola SO @Mineola\_SO · Feb 28  
The 11th grade hall was out of this world with their sci-fi hall decorations.

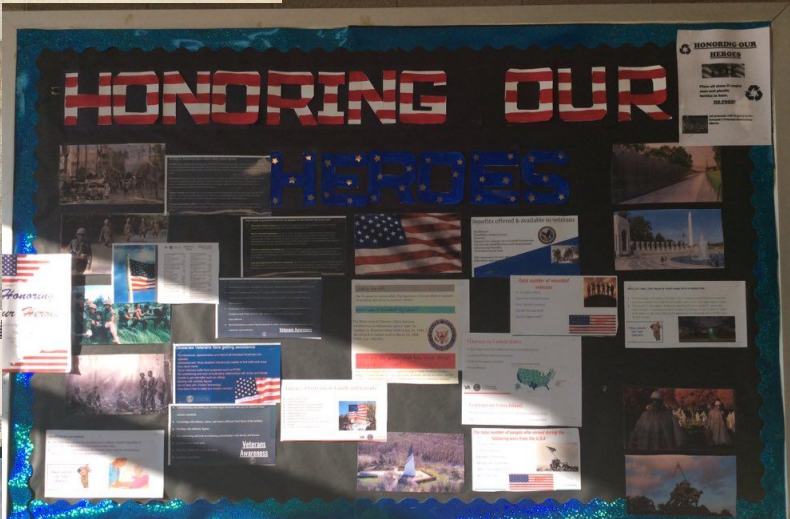


0:34 200 views 31 likes 2 retweets



# THE PUBLIC SQUARE





# COGNITIVE FLEXIBILITY

**Divergent Thinking, Creativity, Growth Mindset, Adaptability**



Parental Advisory: Due to mature language and subject matter, this play is recommended for children 13+

AND THE  
WORLD  
WILL KNOW,  
YOU'RE  
LIKE THAT  
GIRLS  
LIKE THAT



### Modern Day Tragic Hero

**Description:**  
Laura Lee is an American famous make-up artist, YouTuber, and blogger. Who was recently under fire over posting racist tweets. Making her lose millions of subscribers. Lee was also dropped from multiple beauty brands.

**Hubris (excessive pride)**

**Hamartia (Fatal flaw)**

**Warning**

**Bad Language**

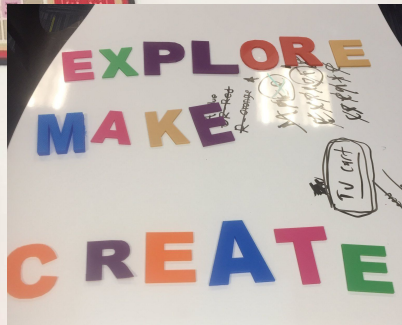
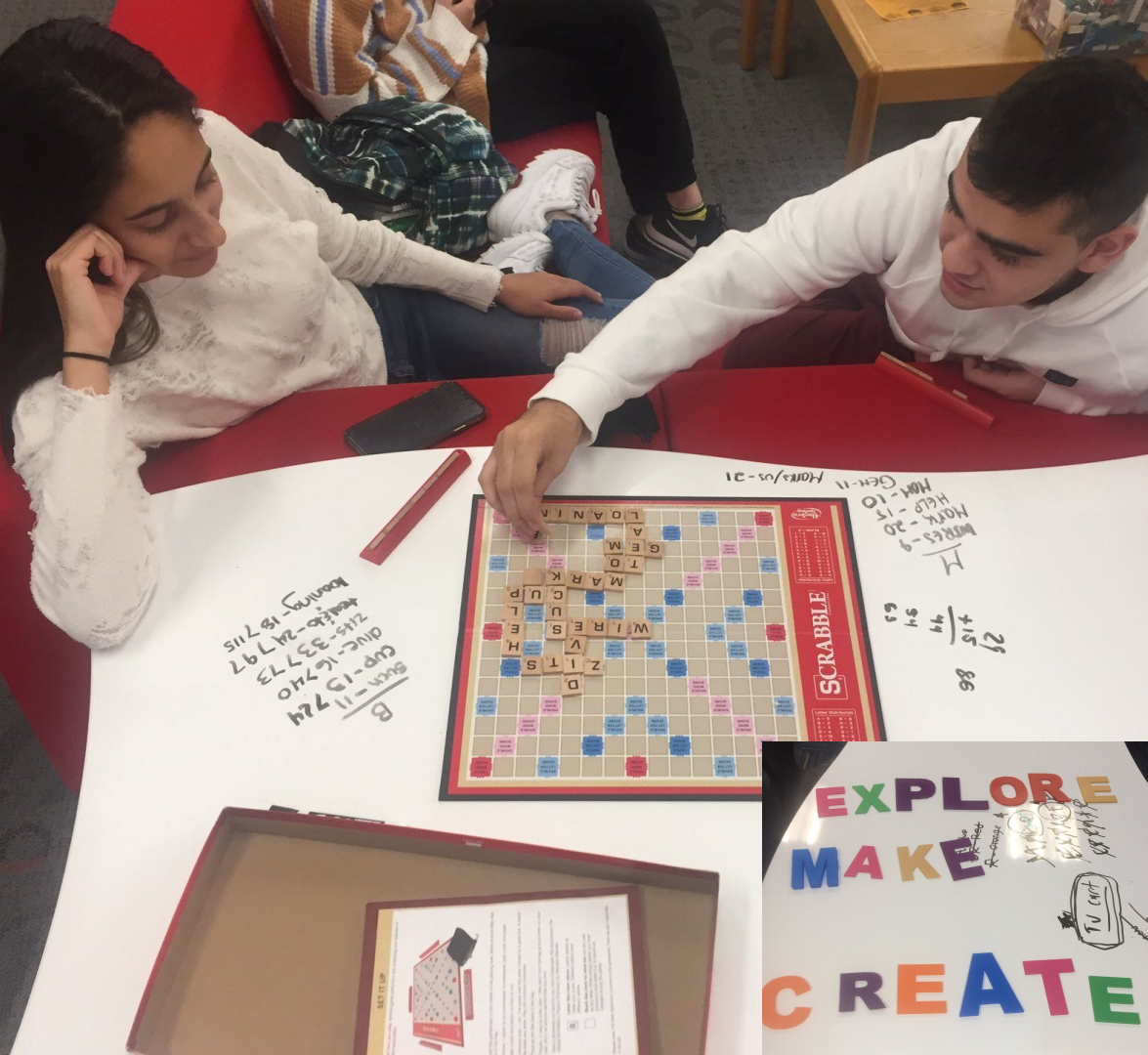
Laura Lee created an apology video for being racist. This video is not the original one because she deleted her apology video and this video is a parody. In addition, Laura Lee was a weak and arrogant person because she posted those racist tweets and she should have thought before making these decisions. Therefore, she must deal with the consequences of the loss of her subscribers.



**L Audiino @Mrs\_Audiino · Nov 25**  
BEYOND proud of Jen. She can now add published poet to her list of accomplishments! MHS POETRY SLAM 2020...we're comin' for ya!!!  
#theamericalibrarypoetry

26









# DEBORAH DOSSANTOS

COVERS, VLOGS AND MORE



Deborah DosSantos

25 subscribers

SUBSCRIBED



HOME

VIDEOS

PLAYLISTS

CHANNELS

DISCUSSION

ABOUT



Uploads

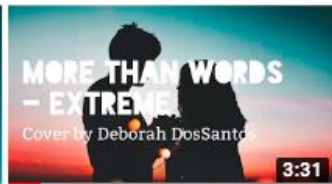


PLAY ALL



Imagine - John Lennon  
(Cover by Deborah...)

127 views • 7 months ago



More Than Words - Extreme  
(Cover by Deborah...)

81 views • 1 year ago



Can't Help Falling In Love -  
Cover by Deborah DosSantos

696 views • 2 years ago

# chris osorio



chris osorio

157 subscribers

SUBSCRIBE

HOME

VIDEOS

PLAYLISTS

CHANNELS

ABOUT



Uploads

▶ PLAY ALL



homecoming // vlog 17

143 views • 1 month ago



we making guac or whatever

154 views • 2 months ago



last first day // vlog 16

133 views • 2 months ago



band camp // vlog 15

205 views • 2 months ago



mystery package unboxing !!!

92 views • 3 months ago

Data

# Graduation Rates

	Graduation Rate (%)	Adv Regents (%)	Regents (%)	Local (%)	# Seal of Biliiteracy
2016	93	65	33	2	N/A
2017	97	74	19	0	16
2018	96	71	21	4	20
2019	95	67	23	4	21

# Data Trends - Bilingual Strands

Algebra 1		
	# ENL Tested	% Passing
June 2016	33	6% (2 students)
June 2017	46	48% (22 students)
June 2018	35	83% (29 students)
June 2019	13	77% (10 students)

More students are passing exam on first attempt...

**June 2017:** 48% or 22 ENL students taking exam had previously sat for exam and were unsuccessful.

**June 2018:** 32% or 11 ENL students taking exam had previously sat for exam and were unsuccessful.

**June 2019:** 9% or 3 ENL students taking the exam had previously sat for exam and were unsuccessful.

# Data Trends - Bilingual Strands

## Living Environment

	# ENL Tested	% Passing
June 2016	17	35% (6 students)
June 2017	13	38% (5 students)
June 2018	33	70% (23 students)
June 2019	18	67% (12 students)

- More students attempting this course because of Bilingual Strand coursework
- Similar pattern of enrollment to Algebra
  - more students passing exam on first attempt
  - concentrated course work

# Data Trends - Bilingual Strands

US History		
	# ENL Tested	% Passing
June 2016	6	0%
June 2017	10	10% (1 student)
June 2018	47	62% (29 students)
June 2019	14	57% (8 students)

- More students attempting this course because of Bilingual Strand coursework
- Same pattern of enrollment because of coursework



# Data Trends - Bilingual Strands

English Regents Exam		
	# ENL Tested	% Passing
June 2016	8	0
June 2017	12	17%
June 2018	21	10%
June 2019	27	48%

- Personnel Changes
- Native Language Arts
- Team Meetings
- Liz Locatelli

# Data Trends - Bilingual Strands

Graduation Rate	
June 2017	17% (1 student)
June 2018	58% (7 students)
June 2019	76% (13 students)

# CDOS Program

- 8th Grade-Algebra
- 9th Grade- US History
- 10th Grade- Earth Science
- 11th Grade- ELA
  - Begin accumulating work based learning hours for CDOS
  - Career Explorations I
- 12th Grade- Continue WBL hours + CDOS 2

# Data Trends - Students with Disabilities

	Algebra 1*	Geom	Algebra 2	Earth Science*	Living Env	US History*	ELA*
2016	51% (22/43)	26% (9/35)	19% (4/21)	27% (6/22)	75% (15/20)	79% (19/24)	87% (20/23)
2017	66% (21/32)	24% (9/37)	69% (11/16)	79% (23/39)	50% (9/18)	55% (12/22)	74% (14/19)
2018	67% (24/36)	46% (12/26)	48% (11/23)	44% (24/36)	80% (24/30)	79% (26/33)	85% (23/27)
2019	60% (12/20)	45% (10/22)	35% (6/17)	38% (9/24)	59% (13/22)	66% (19/29)	85% (22/26)

\*Includes students in special classes

# Data Trends - Students with Disabilities

Graduation Rate		5 yr	Nassau County	NYS
June 2017	86% (18/21)	95%	73%	53%
June 2018	100% (19/19)	100%	74%	56%
June 2019	82% (9/11)	100%*	N/A	N/A

\*Pending January 2020 graduates

# Data Trends - Other Highlights

- ❑ The Geometry team has continued to see an increase in performance across all subgroups as well as increase in students achieving mastery.
- ❑ The number of students taking the Algebra 2, Chemistry, and Physics Regents has steadily increased.
- ❑ The overall passing rate for all Common Core Math Classes has steadily increased.
- ❑ The number of ELL students attempting the English Regents has steadily increased. Additionally, the number of ELLs passing the English Regents has also steadily increased.

# Advanced Placement Testing

	2015	2016	2017	2018	2019
Total AP Offerings	15	15	17	18	21
Total AP Students	191	203	240	238	284
Number of Exams	383	396	471	494	576
AP Students with Scores 3+	136	134	168	183	224
% of Total AP Students with Scores 3+	71	66	70	77	79
# of AP Scholars	70	51	60	73	88

# AP and College Level Courses

Grad Year	# AP Offerings	# College Offerings	# Students	% Class
2016	16	11	136	75%
2017	17	15	145	74%
2018	18	17	180	86%
2019	21	18	158	80%



JUDGEMENT  
NEGOTIATION  
DECISION MAKING  
PEOPLE MANAGEMENT  
EMOTIONAL INTELLIGENCE

# Advisory

- ❑ Restorative Circles Training
- ❑ Summer Curriculum Writing
- ❑ Trained Teachers
- ❑ Student/Teacher Interest Survey
- ❑ 8th Grade Advisory
- ❑ Expanded to 9th Grade, classrooms, and disciplinary situations

# Project Success

- ❑ P.A.S.S.
  - ❑ Repeat Offenders
- ❑ Attendance
- ❑ Expanding to 8th/9th Plan

# Mineola Alternative Program

- ❑ Provide small group instruction, supportive environment and weekly counseling
- ❑ Identify prospective students with Mr. Pereira in the spring
- ❑ Review graduation requirements remaining for each student
- ❑ Screen candidates with parent, counselors, Mr. Pereira
  - ❑ Parent & Student visit the school
- ❑ Create schedule for the student to begin in September

## Year 1: 8 students

- ❑ 2 non-grads graduated w/in 1 year
- ❑ 3 exited
- ❑ 3 returned the next year (1 senior NG)

## Year 2: 15 students

- ❑ 9 graduated
- ❑ 2 juniors
- ❑ 2 students returned to HS
- ❑ 2 exited

## Year 3: 18 Students

- ❑ 7 seniors-graduated (2 Jan, 1 returned to HS & graduated)
- ❑ 8 juniors (3 returned to HS)
- ❑ 3 sophomores



## FIELD EXPERIENCES





Tables that build community





**Whitney Smith** @whittneysmith\_ · Nov 5  
 😊 Looks like a great collaboration for the @MHSg @MHS\_Fab\_Lab and @MusBuyTangs  
 #designthinking  
 #Entrepreneurship  
 #hydroponics

**Dana Dince** @dsdince · Nov 5  
 Indoor hydroponics at Bell. #wearespace



**Nic**  
 @Aquaponics\_Asis

I'm an entrepreneur who is experimenting with home & commercial aquaponics & how it can solve food deserts & malnutrition at competitive costs with high ROI's

🗨️ 2 🍷 15 📤 📊



**Fitleaf**  
 @Fitleaf1 Follows you

#GrowYourOwn and #MakeaLeaference for a healthier society and brighter future. 🌱 #Gardening benefits the body 🧘 and planet 🌍 Hydroponics - Urban Farming

Follow

MHSgogreenclub! @MHSg...

Follow



**VH Hydroponics**  
 @vhhydroponics

Creating & designing smart farming solutions for use around the world. Commercial turnkey container farms & indoor gardens - grow local anytime, anywhere!

Follow

🍷 7 📤

# Mineola High School

Preparing our  
students for the  
4th Industrial  
Revolution

## Top 10 skills

### in 2020

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

### in 2015

1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgment and Decision Making
9. Active Listening
10. Creativity

