

W.R.A.P Organization

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What is the Problem?

The W.R.A.P. (Women's Rights Associating with Products) Organization addresses the problems women face in relation to feminine hygiene expenses.

Women around the world are **forced** to purchase feminine hygiene products just because of their gender



Not only are women affected by this, but young girls in school are faced with the stress of not knowing what to do when they are confronted with this situation. They don't know how to easily access feminine hygiene products.



Schools **do not** take their struggles into account. The only access female students have to these products are at the nurse's office. Even then, the young girls have to **fill out an application** just to get a pad.



How does this Program Help?



- W.R.A.P. provides a website to the community, allowing them to donate a deposit of their choice to the association.
- We use the donated money, to purchase feminine hygiene products and distribute to schools and office

Problem



If a female student wanted to use feminine products, they would have to fill out an application to the nurse, unnecessarily and uncomfortably wasting their time.

- W.R.A.P. **provides** dispensers for the feminine hygiene products in the nurse's office and bathrooms
- Gives female students the opportunity to take care of themselves in their school and offices

Process of W.R.A.P in Action!

Step 1: Provide dispensers in the nurse's offices in the Edison Schools.

Step 2: Use the donated money to buy various feminine hygiene products.

Step 3: Deliver these products to the schools, so they can restock their dispensers when necessary.

Step 4: Repeat the process, and extend the organization to other students in varying grades, so they can help spread the awareness and positive change.



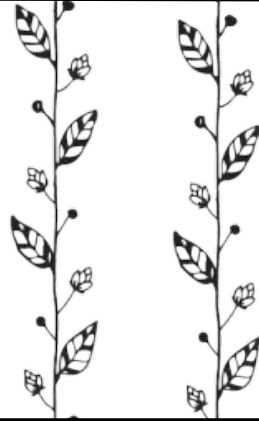
Why don't females have access to affordable feminine hygiene products in Kenya?



65% of girls in Kenya can't afford feminine products



One million school-age girls miss an average of **four days** per month because of their menstrual cycle and **no access to feminine hygiene products.**



34%

OF WOMEN AND GIRLS IN CANADA HAVE HAD TO REGULARLY OR OCCASIONALLY SACRIFICE SOMETHING ELSE WITHIN THEIR BUDGET TO AFFORD MENSTRUAL PRODUCTS.

2014-15 to a Plan International Canada survey of 2,000 females in Canada



Statistics

MENSTRUATION COST



Each year in the United States, people spend upward of **\$2 billion** on menstrual products.



In their lifetime, the average menstruating person uses almost **17,000** tampons or pads.



500 million

Out of 1.8 billion monthly menstruators worldwide are affected by period poverty.

1 in 10

College students cannot afford pads or tampons.

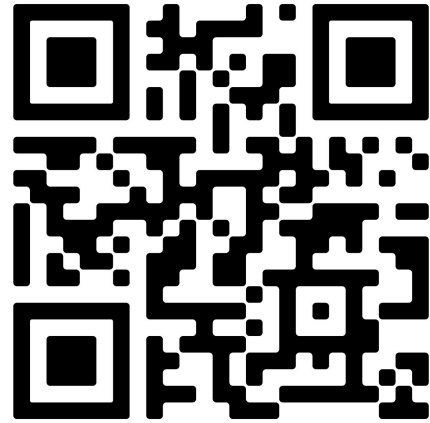
27 states

Still impose period-related taxes.

Sources: Forbes, ACLU and The World Bank



Below, is a link to our website!



W.R.A.P!

SCAN ME

FOOD WASTE INTO COMPOST

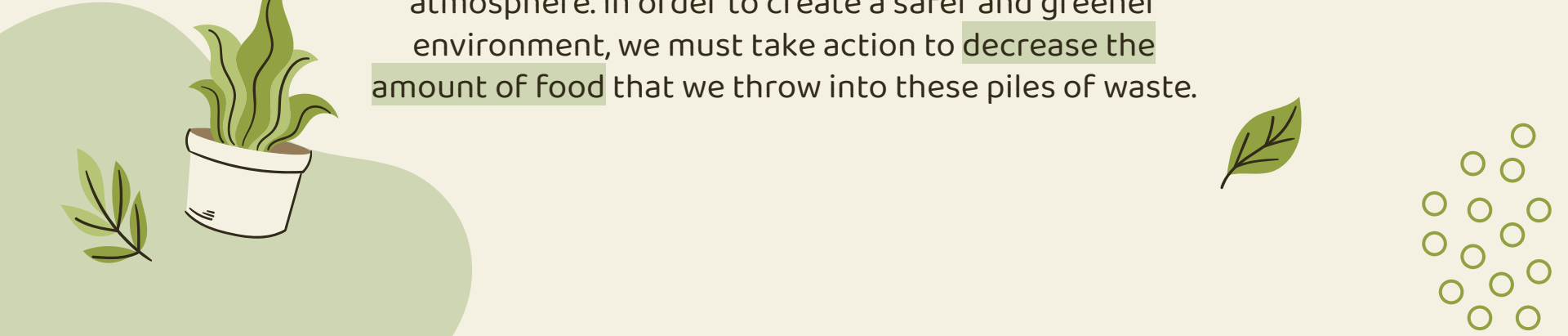
By : Deveshi Bhardwaj, Ishika Japanwala, Mahi Babaria, Mishka Wankhade, Prisha Khandari, and Vrisha Shah





THE PROBLEM

Everyday, an insane amount of food is left over and thrown away at breakfast and lunch. This trash is taken to huge landfills in New Jersey, and damages our environment greatly. Our food takes many years to decompose and exerts poisonous gases into the atmosphere. In order to create a safer and greener environment, we must take action to decrease the amount of food that we throw into these piles of waste.



CLAIM

To reduce the excess amount of food that we waste at Woodrow, our group would like to implement a **composting and recycling system** that will benefit our environment and provide nutrition for our garden using **minimal financial resources**.



OUR SOLUTION



Recycling

- Even trash that can be preserved and reused is thrown out instead of recycled
- We could sort out the trash that students bring, into 3 categories : Recycling, Fruits/Veggies, and Trash.



Composting

- The best way to use the wasted fruits and vegetables in our school is to transform them into compost!
- We can help our WWMS garden to grow and create a greener Earth



WHY COMPOST?

According to the University of California, composting is extremely beneficial to our environment and is an excellent way to reuse waste materials.

- Excellent way to reuse waste instead of it piling up in landfills
- Saves water
- Attracts and feeds earthworms and other beneficial microorganisms
- Creates a healthy plant structure
- Saves water
- Improves plant growth





Easy to do / Accessible Resources

- Gives a great tutorial on how to compost food
- If enough people are interested in gardening, we could even create a club out of this in the future!
- Shows us that composting is extremely easy to do





The Only Necessary Investment

Our school budget would definitely allow for a food shredder that would make composting our food waste much easier. Since small objects decompose faster than large chunks, it would be worth the money to invest in 1-2 food shredders that would make the fruits and vegetables smaller and easier to decompose.

Price ranges



Vitamix Food Cycler:

About \$350



Miracle-Grow Compost Machine:

About \$85

QMAHCE Composting Bin:



About \$300



Budgeting



We needed an interview with Ms.Blevins to see if the machines are affordable but because we didn't get one, this is a different way we can budget it

- Many of the machines range from 100-500 dollars (if that isn't affordable we can do many bake sales and fundraisers to raise money)
 - The previous club got many big companies such as Home Depot to donate machines which they were happy to do because of how beneficial the cause is
- 
- 

INTERVIEW (MS. DRAGONA)




We were informed that Ms. Dragona held a club that had similar ideas to our group's project, so we set up a time to interview her and ask questions for guidance. She gave us extremely valuable information that we will definitely use to help in our project.

| | |
|--|---|
| What was the process of composting, and how did you afford it? | Every few days, a student or teacher would go outside and turn the compost bin to turn the wasted scraps into compost. We didn't even need to buy the machine, we emailed a local Home Depot and they loved our cause, and donated the machine to the school. |
| What were some problems you faced about compost and how did you solve those problems? | There were a lot of people who wanted to help but later they ended up quitting leaving Ms. Dragona all alone with no help -> our survey shows that many of the younger kids are interested in this club so if we express the idea more, they will be more interested |
| Any tips or suggestions to improve our ideas? | Every week there is more than a 1000 pounds of food and the food we dont use for compost we can donate it which is what Ms.Dragona did she donated all the extra food <u>HandsForHope</u> . Additionally many companies donated supplies to help this cause because of how beneficial it was to the environment. |



Implementing it in real life

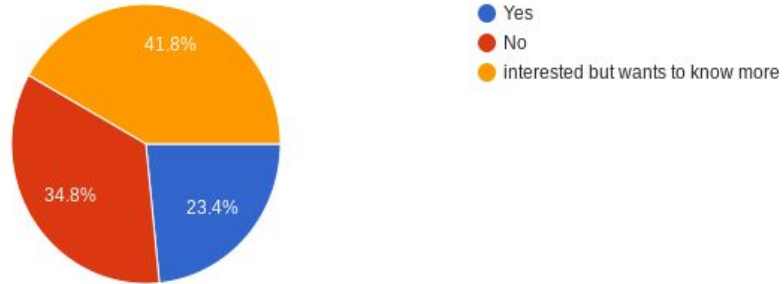


- Intact foods such as fruits, veggies, bread and grains can be thrown into one specific bin separate from the regular trash
(this will be the foods used for the compost)
 - Once a week after school students and teachers who are interested can help create the compost by shredding/crushing the extra food and letting it decompose
 - Once its decomposed you apply it to your garden as mulch and soil
 - Every week we can look and care for our garden while at the same time putting the food waste to good use
 - A couple of years ago Dragona tried the same thing but the whole process stopped because there wasn't enough students participating because of this we sent out a survey and the majority of the kids are interested in helping just want more information about the cause and how their help is needed and they would be more inclined to join.
- 

If we create a club to help with gardening/ helping with creating compost would you be willing to help out with it? (if yes, we will send more details to you)

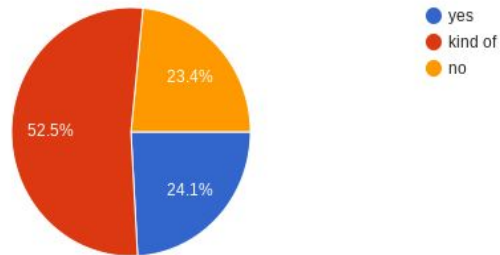


141 responses



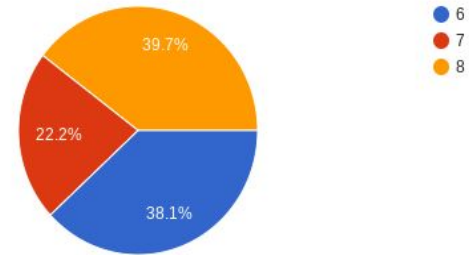
does gardening interest you?

141 responses



What grade are you in?

63 responses



THANKS!

Although food waste will continue to be a huge issue in the world, the least we can do is **try to reduce it** in our school community. In order to create a **safe environment for ourselves and our peers**, it is vital to **make use of the food waste** by turning it into something useful and helpful for our Earth.





Project Solar Panels

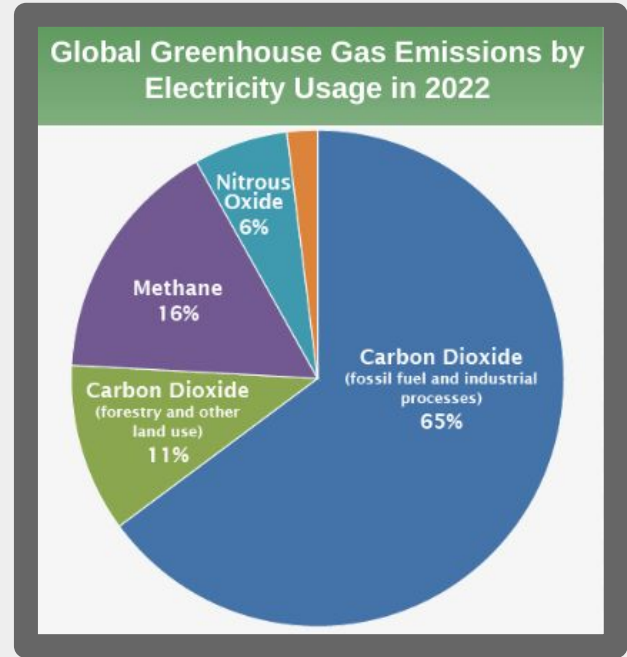
Shambhvi Dua, Sahastra Nuthakki, Gojiri Mhasaki
Woodrow Wilson Middle School

Problem

Schools spend a total of \$6 billion on electricity each year. This not only increases our energy usage, but also our greenhouse gas emissions.

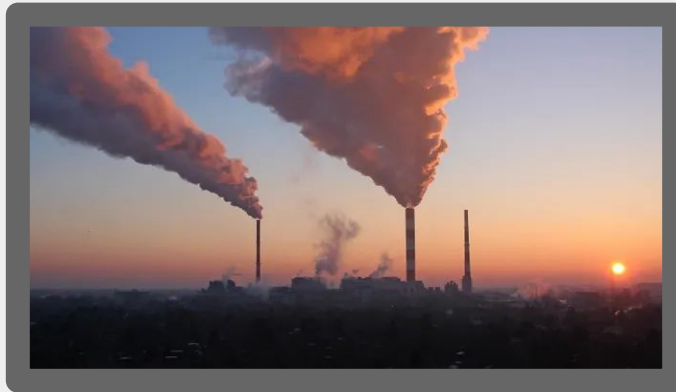
Our usage of electricity causes...

- Excessive greenhouse gas emissions
- Burning fossil fuels
- Air pollutants
- Waste of electricity
- Higher Electricity payment
- Not financially beneficial



Policies in Place

- We use standard electricity powered by Elizabethtown Gas Company
 - ◆ Elizabethtown Gas uses natural gas to supply residents with electricity and gas
- Natural gas is a fossil fuel energy source, primarily composed of methane
 - ◆ “Over a 20-year period, it’s 80 times more potent at warming than carbon dioxide” -- U.N. Environment Program



How can we solve this problem?



Solar Panels!

Advantages

- + Solar energy is a renewable energy source and reduces carbon emissions.
- + Solar energy can reduce the school's electricity bill.
- + Solar power can earn the school money through Solar Renewable Energy Credits (SRECs).
- + Solar panels have low maintenance costs.
- + Solar energy can generate electricity in any climate.



Combating Possible Issues



- + We will regain investment money over the course of the years.
- + The money can be redeemed back through the SREC credits.
- + Solar panels can cover for some of the school (such as the roof of the mods) and can be placed on roads, parking lots, OR even a rented field.
- + The warmer months are coming now, and we can use generated energy during the winter in the future.

Seen Results

Solar panels were installed at seven schools in Orange County Public Schools, Virginia after the solar panel company, Secure Futures, won school board approval.

- Offsetting up to 91 percent of electric usage per school
- Will save them about \$130,000 a year, and \$9.5 million over 35 years



Estimated Average Cost for 200 ft² of coverage

| Averaging Out Cost | | | | Source 1 | Source 2 | Source 3 | Source 4 | Source 5 |
|---|--|--|--|----------|----------|----------|----------|----------|
| Panels | | | | \$2,000 | \$1,800 | \$2,500 | \$2,900 | \$2,000 |
| Installation Fee | | | | \$1,900 | \$3,400 | \$3,200 | \$2,300 | \$2,000 |
| Price of permits & inspection fees | | | | ≈ \$244 | ≈ \$244 | ≈ \$244 | ≈ \$244 | ≈ \$244 |
| Miscellaneous tax | | | | ≈ \$400 | ≈ \$400 | ≈ \$400 | ≈ \$400 | ≈ \$400 |
| Individual costs → to be averaged for the final | | | | \$4,544 | \$5,844 | \$6,344 | \$5,844 | \$4,644 |
| *calculated for 200 ft ² of coverage | | | | | | | | |

From different sources we found the average cost for every component (cited on next page). The miscellaneous prices are averaged and the same. We then added the average costs to get our 1 final estimated cost - **\$5,444**.

Basic Solar Plan for a School

We need at
least

900-1
200
sqft

Solar Panels

Cost is at
least

\$27
Thousand

For solar
panels and
installation

Needs at
least

1
Thousand
Feet
Of space.

This is the
estimate to
cover an
**AVERAGE
SCHOOL**
cost

The average
school
spends

300

Kilowatts

On energy
each year

*However, we receive 0.26% of the money back: This means \$78,000 money returned if we pay 300 thousand.

How to save...

Tax Exemption

- Reduces Installation costs
- Affordable

Net-Metering

- We can sell excess energy
- May receive end-of year credits (SREC's)

Property Tax Exemption

- Property Tax does not increase

Expected Results

- **Reduced Carbon Emissions**
- **Reduced Energy Cost** (Money can be even earned Solar Renewable Energy Credits (SRECs))
- **Low Maintenance Costs**
- **Electricity can be generated in any climate**
- **Reduced Fossil Fuel Consumption**
- **Greater Environmental Awareness**





WWMS NOW

AN INTERACTIVE STUDENT WEBSITE

Aditya Arcot-Vantel
Kushagra Dixit
Dillon Petagna
Pranav Thota
Ekya Dogra

The Problem

- Not enough attendance at events and sports game
- Lack of attention towards school events
- Especially when tickets are being sold in lunch, the commotion in the cafeteria makes it hard for teachers to advertise and sell
- Students forget to buy or lose tickets to events



What policies are in place now?



Website that **only** shows
tryout dates and schedules,
not interactive and **hard to**
navigate



<https://wwms.edison.k12.nj.us/athleticsclubs/athletics>



Proposed Solution

WWMS Event Website with videos, interviews, highlights, dances, surveys, contests and much more.

Let's check it out!

SPORTS [ANY TEAM](#) [ANY CONTENT](#)


Upcoming

What grade are you in?
6

What sport are you going to try out for?
 Track
 Baseball
 Neither

[Send Answers](#)

[Baseball](#) [Track](#)



Filter this content

TEAM
[Any team](#)

CONTENT TYPE
[Any content](#)



FAQs

What is WWMS NOW?

WWMS NOW is an online platform that provides students, teachers, and more with the latest information on Woodrow Wilson Middle School sports activities, including news, game schedules, surveys, and MVPs of the last game.

Expected Results



More time watching

With more people showing up more people will want to stay and socialize

Increased Attendance

Reminders and more information about games will increase attendance



Raised Profit

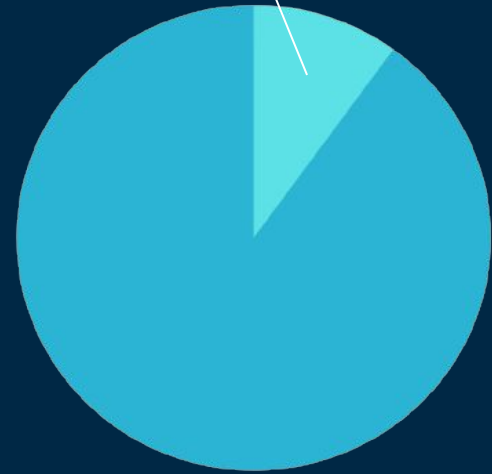
Increase in attendance allows for more money in events and fundraiser

More morale for players

People showing up to support the athletes will increase morale from support of fans

Less than 10%

of students regularly
attend school sports
(Fischer)

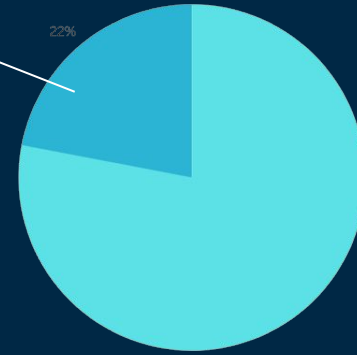


The Data

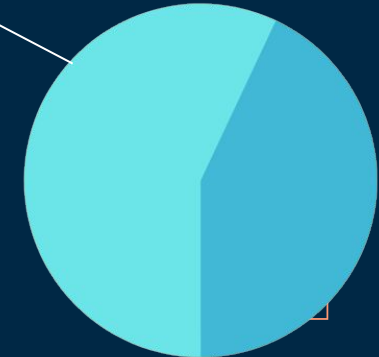
What does OUR school think?

- **More than 75%** of the students who took our survey said that a school website would **increase** school pride and involvement (Fischer)
- **More than half** of the students who took our survey said they would **frequently** use this site. (Fischer)

78% Agree with increasing pride



57% WOULD use the site regularly



Works Cited

Fischer, John, editor. Questionnaire Results For Your Research Data. 28 February 2023. Google Forms, <https://docs.google.com/document/d/1ZmQOPI237Fpjh-KIAMmJKLGP78Ji3oaAEJO-z4lc4fQ/edit>. Accessed 21 March 2023.



WWMS NOW is a website created
to revolutionize the development
of the school community.

THANK YOU

Have any questions? **Contact us** at:

3013653@edison.k12.nj.us

3017724@edison.k12.nj.us

3033831@edison.ki12.nj.us

3017632@edison.k12.nj.us

3013982@edison.k12.nj.us



Mental Health Program

Smrithi Sudharsun, Mannat Anand, Riti Patel, Heer Patel

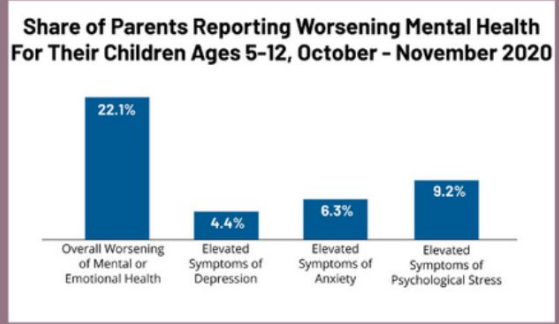
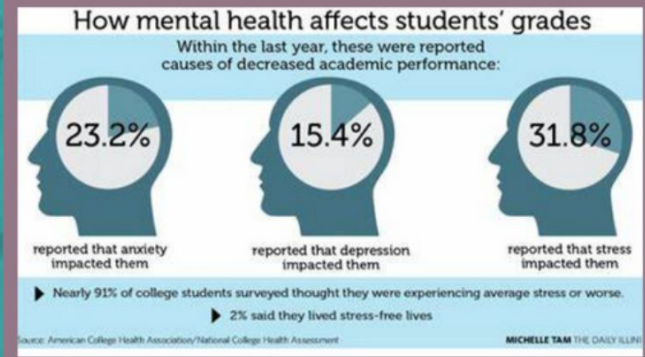
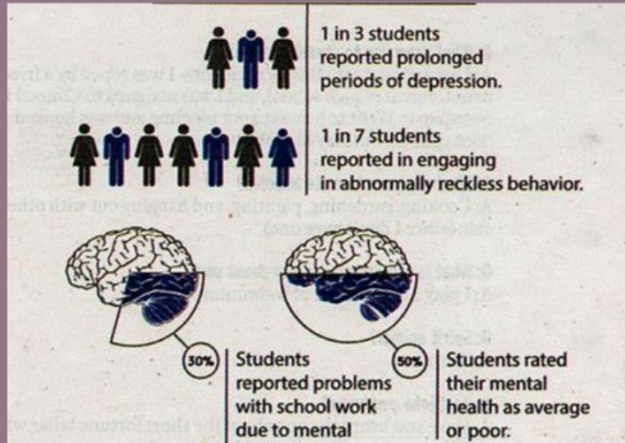


Help Students cope with stress



How has mental health affected students?

M.H.P



Mental Health Issues affect up to **20%** of students in the U.S.

Issues Caused by Stress

- depression
- high blood pressure
- anxiety
- pressure
- obesity
- diabetes
- panic attacks
- Eating and personality disorders
- Stress disorders

Problem

Students feel a lot of stress from too much work and from wanting to obtain the best grades. Many kids don't have a way to cope with stress, so the stress builds up, leading to more and bigger problems. Stress can lead to the issues listed in the textbox above.

Mental health problems r

- School drop outs
- Difficulties in learning
- Behavioural difficulties
- Difficulties in performance
- More truancy
- School failure

M.H.P



Existing Policies

P.A.T.H. PROGRAM

- P.A.T.H - Promoting Acceptance Trust and Hope
- P.A.T.H provides a range of free and confidential mental health services in elementary schools, middle schools, and high schools in Edison.
- Services include individual, group, and family counseling, crisis intervention, substance abuse identification, and referral services.
- Referrals to the program can be made by students, parents, or school staff.



GUIDANCE COUNSELORS POLICIES

- Students are assigned guidance counselors who help with personal and school issues.
- The counselors act as a link between homes and schools.
- Students may email their counselors for an appointment
- The program's purpose is to give students assistance and mental health support



M.H.P

EDISON POLICY 2310- PUPIL GROUPING

- This policy ensures that students are placed in classes to best suit their social, emotional, and academic abilities.
- It also ensures that students don't go through a large amount of stress in their classes
- The programs they are in give them the appropriate amount of academic benefit.



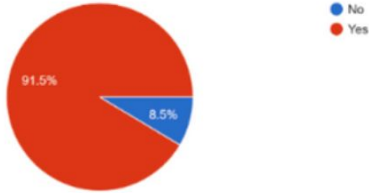
Research Data

M.H.P

Research Data

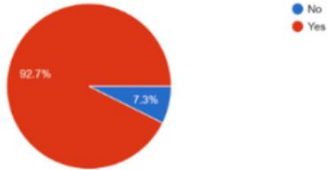
P7- Do you think students need more help dealing with emotional / mental health issues?

82 responses



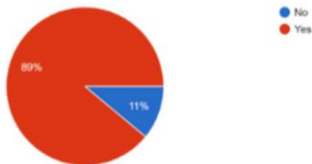
P7 & P2 - Do you feel having a brake time built into the school day would help students deal with stress?

82 responses



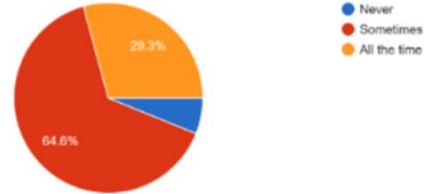
P2- Do you feel having a free period built into our schedule could help students deal with stress and mental/emotional health?

82 responses



P2- Do you feel stressed during the school day?

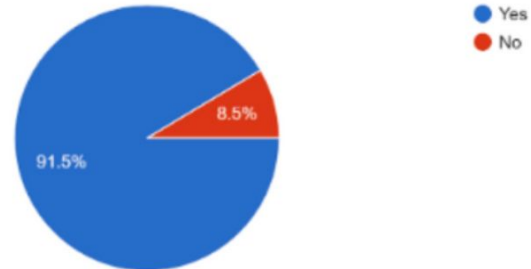
82 responses



Research Data

P2- Do you feel having a free period built in our schedule is a good idea?

82 responses



Proposed Solution

M.H.P is our proposed policy where once every other week we would have a mental health program during gym administered by a professional.

The rest of the weeks, we would have a free period that allows students to rest and recoup for the upcoming weeks of school.

This also gives students a time to socialize with their peers, get additional help from teachers or finish their homework.

These are 2 students' original sample schedules

| Times | Per | Course | Sem | Days | Room | Teacher |
|--------------------|-----|-----------------------|-----|-------|------|--------------------|
| 08:41AM to 09:27AM | 1 | Vis Art 8 | S1 | MTWRF | 114 | Romeo, Brian |
| 08:41AM to 09:27AM | 1 | Tech Ed 8 | S2 | MTWRF | 122 | Zeh, Ian |
| 09:31AM to 10:17AM | 2 | Social Studies 8 | FY | MTWRF | 5 | Bonner, Joseph |
| 10:21AM to 11:07AM | 3 | Science 8 | FY | MTWRF | 218 | Nasser, Akhtar-Ali |
| 11:11AM to 11:57AM | 4 | Spanish 8 | FY | MTWRF | 206 | Almanzar, Eloisa |
| 12:34PM to 01:20PM | 5 | Geometry | FY | MTWRF | 10 | Magliulo, Donna |
| 01:24PM to 02:10PM | 6 | Middle School PE | Q1 | MTWRF | GYM | Holzhauser, Lori |
| 01:24PM to 02:10PM | 6 | Health 8 | Q2 | MTWRF | 118 | Papernik, James |
| 01:24PM to 02:10PM | 6 | Middle School PE | Q3 | MTWRF | GYM | Holzhauser, Lori |
| 01:24PM to 02:10PM | 6 | Middle School PE | Q4 | MTWRF | GYM | Holzhauser, Lori |
| 02:14PM to 03:00PM | 7 | Accelerated English 8 | FY | MTWRF | 203 | Nilooban, Rina |

| Times | Per | Course | Sem | Days | Room | Teacher |
|--------------------|-----|---------------------------|-----|-------|------|-------------------|
| 08:41AM to 09:27AM | 1 | Middle School PE | Q1 | MTWRF | GYM | Giacobbe, Michael |
| 08:41AM to 09:27AM | 1 | Middle School PE | Q2 | MTWRF | GYM | Giacobbe, Michael |
| 08:41AM to 09:27AM | 1 | Health 8 | Q3 | MTWRF | 116 | Papernik, James |
| 08:41AM to 09:27AM | 1 | Middle School PE | Q4 | MTWRF | GYM | Giacobbe, Michael |
| 09:31AM to 10:17AM | 2 | Social Studies 8 | FY | MTWRF | 5 | Bonner, Joseph |
| 10:21AM to 11:07AM | 3 | Algebra 1 8 | FY | MTWRF | 107 | Jasper, Deborah |
| 11:11AM to 11:57AM | 4 | English 8 | FY | MTWRF | 3 | Leuin/Brown |
| 12:34PM to 01:20PM | 5 | English 8 | FY | MTWRF | 3 | Leuin/Brown |
| 01:24PM to 02:10PM | 6 | Family Consumer Science 8 | S1 | MTWRF | 117 | Welch, Ashley |
| 01:24PM to 02:10PM | 6 | French 8 | S2 | MTWRF | 211 | Shankar, Uma |
| 02:14PM to 03:00PM | 7 | Science 8 | FY | MTWRF | 118 | Cook/Hofstra |

New Schedule M.H.P

FOR FRIDAYS ONLY

| | |
|------------------------|---|
| Homeroom | 8:30-8:37 Room #116 |
| Period 1 | 8:41-9:27 Tech Ed 8 |
| Period 2 | 9:31-10:17 Social Studies 8 |
| Period 3 | 10:21-11:07 Science 8 |
| Period 4 | 11:11-11:57 Spanish 8 |
| Period 5 | 12:34-1:20 Geometry 8 |
| Free period/MHP | 1:24-2:10 Cym |
| Period 7 | 2:14-3:00 Accelerated English 8 |

| | |
|------------------------|---------------------------------------|
| Homeroom | 8:30-8:37 Room #121A |
| Free Period/MHP | 8:41-9:27 CVM |
| Period 2 | 9:31-10:17 Social Studies 8 |
| Period 3 | 10:21-11:07 Algebra 1 8 |
| Period 4 | 11:11-11:57 English 8 |
| Period 5 | 12:24-1:20 English 8 |
| Period 6 | 1:24-2:10 French 8 |
| Period 7 | 2:14-3:00 Science 8 |

Bell Schedule For MHP

MHP

Bell Schedule for MHP

MHP

Logistics of Mental health Program

NAMI

- NAMI is the **National Alliance in Mental Health and is a nationwide grassroots organization.**
- It not only provides **mental health support** to those who need it but also offers free **presentations** (such as ending the silence) about mental health **free of cost** to schools and communities.
- We would like to use NAMI's presentations occasionally in some of our **administrated programs** as they are a **non-profit** that offers many resources catering to middle school students.

ESSER Funds

- ESSER Funds is the **Elementary and Secondary School Emergency Relief Fund.**
- ESSER Funds are designated for **local, public K-12 school districts.**
- In our school, ESSER funds can be used to fund the **resources** we need since we have a lack of **guidance counselors/administrators.**
- The funds that we will receive can be used to pay for the mental health **administrators.**

M.H.P

Expected Results

Students will have reduced stress levels because they will have learned how to manage any stress.

Students will be able to take a break from the stress that school can cause. They will have some free time to think and reflect while also being able to talk to their friends and interact with fellow peers.

Students will be able to do their homework and catch up on lessons they missed or don't understand during this period.