

Student Innovation Teams

Developing a
Culture of

Innovation

To Drive



21st Century Change





Quick Facts: 3300 Students
190 Certified Staff
100 Non-Certified



Opportunities



MINNETONKA
NAVIGATOR program





--What did you notice?

--What are you wondering about?

--What was message to you?

Why are we working for this?

We want to make sure that students can get to school safely. Most of our students bus or ride in a car. This has caused a strong focus on making traffic around the school area of an issue.

This has made walking to school difficult for many people. We would like to make it so that it is less dangerous for people to walk to school.



1



2



“The most powerful single modification that enhances achievement is **feedback.” John Hattie**

Students are the end-users of what we do. They know what works and what truly helps them learn and lead.

“Student voice matters because one day they will become **adults voices that matter.” Michael Lubelfeld**

Reforms initiated with student input are likely to improve the learning environment for all students, not just those involved.



Culture & Climate **improves when students go from observers to initiators.**



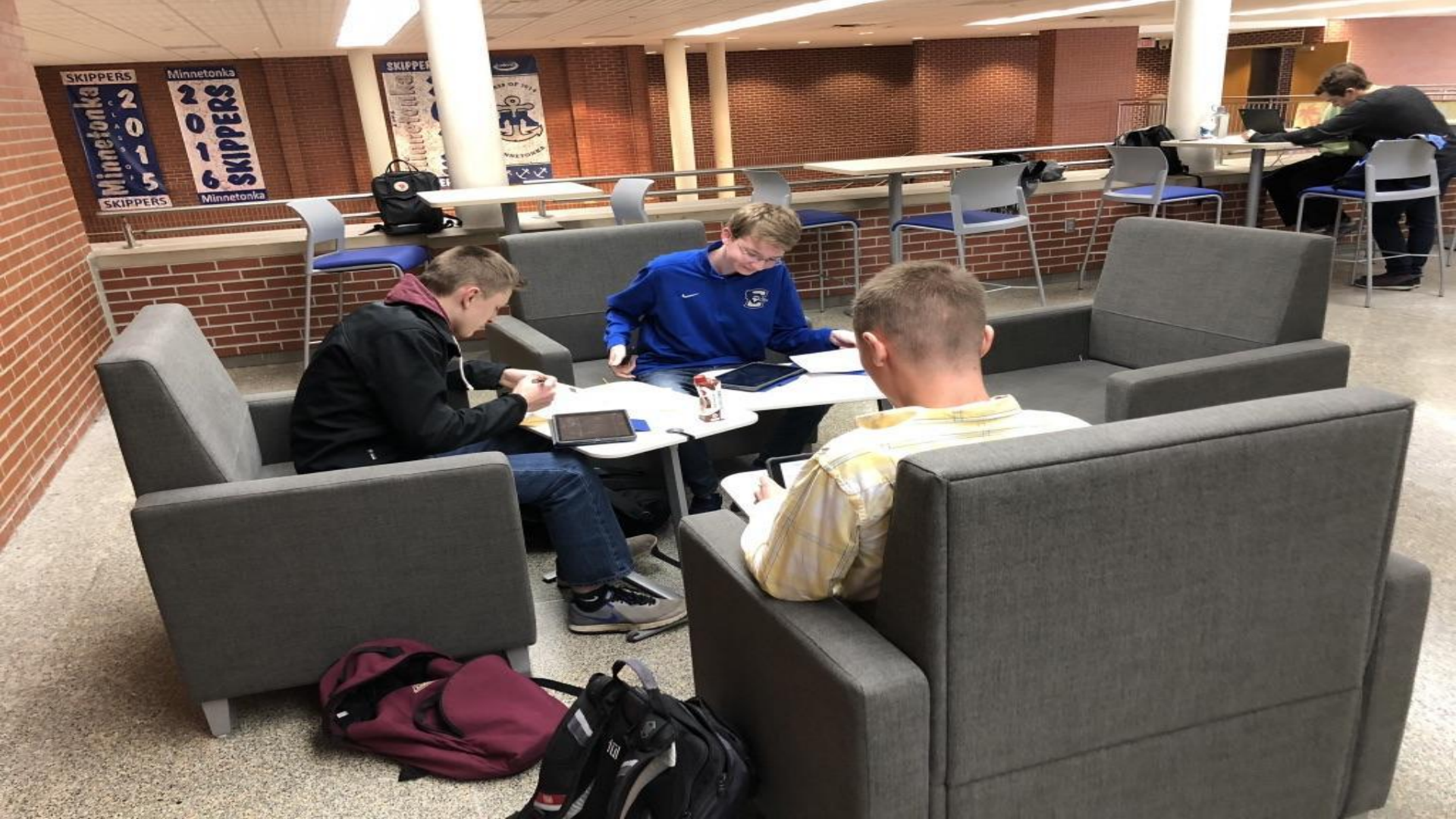
Student Voice & Leadership

Name	Primary Outcome
Immersion Advisory Board	Advise/support Registration process, including survey of elective courses. Visits to middle schools to promote immersion program
Vantage Advisory Board	Their biggest contribution is being “VANTAGE Ambassadors” at our events. They attend a meeting before school about 1-2x/month
Principal’s Advisory Council	Non-elected group of students that provide insights and feedback around specific school issues
Student Innovation Team	Non-elected group of students that generate their own problems to solve using the HCD process











A blue brick wall with a diagonal orange stripe running from the top right to the bottom right. The text 'THE LOFT' is painted in large, bold, dark blue letters on the wall. Below it, the phrase 'WHERE AMAZING HAPPENS' is painted in smaller, orange letters. A metal railing is visible on the left side of the wall.

THE LOFT

WHERE AMAZING HAPPENS

















What's next for MHS?

INNOVATION



AUGUST 2016

SUN MON TUE WED THU FRI SAT

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Dear Families and Students,

Greetings from Minnetonka! I hope your summer is going well! I'd like to share an opportunity with you to be part of the inaugural "MHS Student Innovation Team." Innovation is a key part of how Minnetonka Schools operates. We constantly ask the question, "what if?"

Our District innovation process has yielded large-scale projects such as Vantage and Design for Learning, as well as smaller scale projects like the redesign of the 9th Grade Retreat. It has been a focus of all District staff for the past several years.

This year, we are creating a process and structure for student participation in the ideation process and providing them the opportunity to ask the question "what if?" for Minnetonka High School.

I am looking for 4-5 students per grade level to be part of this team. Interested students should complete this application by August 31. [CLICK HERE FOR APPLICATION](#).* The MHS Student Innovation Team will meet with me on a regular basis and, as part of this process, learn a research-based process of innovation, develop their leadership skills, and, in the end, influence the culture at MHS.

Please contact me with any questions.

See you soon.

Sincerely,

Jeff Erickson

EMPATHIZE

DEFINE

IDEATE

PROTOTYPE

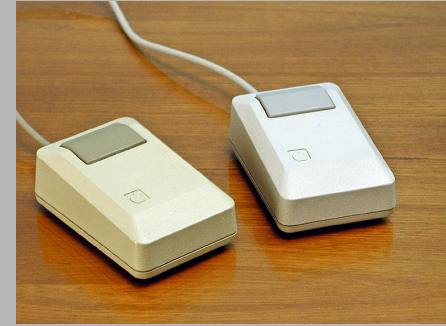
TEST



WHY human-centered design?



PIONEER IN HUMAN CENTERED DESIGN: IDEO





Years 1-3: Growing Capacity



Solve problems that matter

Year 1 Reflections

Need for more agility

Stronger communication

Build Community



Continue to Iterate **Year 2 Reflections**

Equity Lens

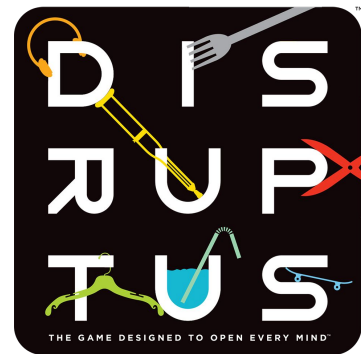
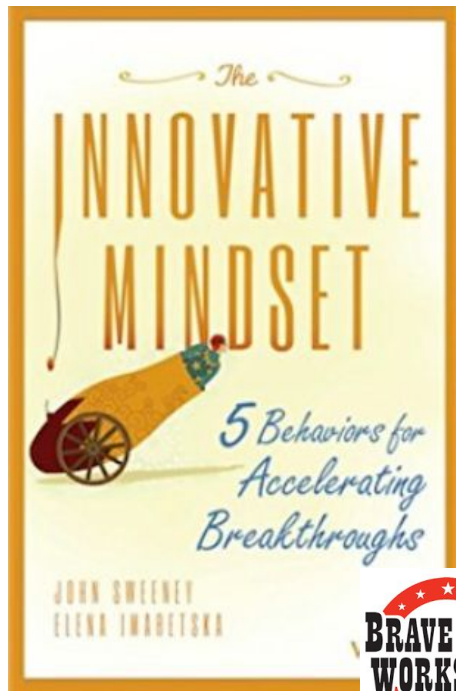
Food!

Summer Start



Team Building

Introduction to Design Thinking

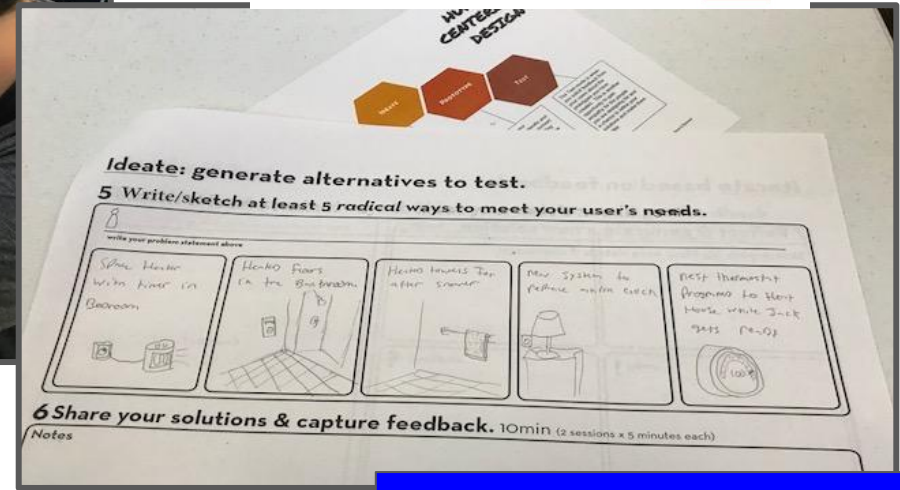
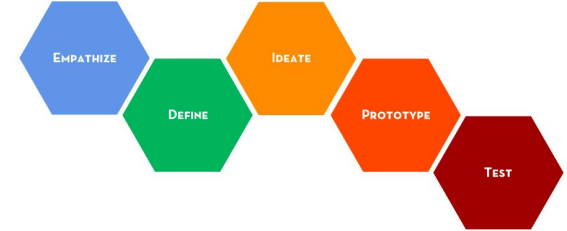


October



Team Building

Introduction to Design Thinking



October



HMW=

HOW MIGHT WE...?

HMW

Redesign the Morning Experience

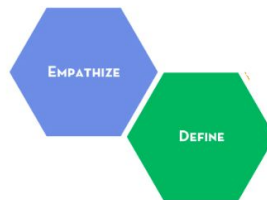




Looking & Wondering

Empathy Interviews

Define



Looking and Wondering....

[Edit](#)

Created by [Nicole Snedden](#) Mon Oct 9, 2017 at 12:03 pm

As human beings, we see things every day that challenge us, inspire us, and compel us to learn more, take action, or ask questions. Noticing is an important step of connecting with the world. It is what drives us to look for opportunities and change.

Over the next few weeks, take some time to

Tony Fadell, product creator, talks about th



Noticing



[ALEXANDRA HERNANDEZ](#) Wed Nov 1, 2017 at 11:14 am

Yes I agree. As a Senior IB diploma candidate, it is amazing to see how much interest students now have in the IB diploma, compared to before. I believe that this can still be improved and not only with IB classes, but also with AP, honors, and general classes. I think that if we can ease this transition between high school years and their transition from each class, students will be better prepared and more informed about their options.

I would like to mention that as I am talking to many of my classmates, many of which are also IB dipcans, they tend to agree that they only began taking interest in these advanced classes later in their high school career (junior and senior). One of the major things they regret is not taking different, even more advanced, classes during freshman and sophomore year. I think that if we can really make students understand all their options and ease them in this transition, they are more likely to reach out and take other classes that they might like better or classes that might be a better fit for them as a student.

[Show Less](#)

[Like](#) · [Reply](#)



[PRISCILLA TRINH](#) Wed Nov 1, 2017 at 7:06 pm

Yes, there is a notion that one must "transcend" into the AP mindset - which is true since students must be prepared for the rigor but I believe promotion of easier AP classes such as AP Stats, AP Environmental, or Human Geography are a good start for those who want some credit without being swamped by a heavy course.

[Like](#) · [Reply](#)



[PRISCILLA TRINH](#) Wed Nov 1, 2017 at 7:07 pm

In addition, I did not know the differences between IB and AP classes for a long time and I think explicitly stating the IB program/courses are more written based will help students refine their interests.

[Like](#) · [Reply](#)



[Nicole Snedden](#) Wed Nov 1, 2017 at 7:39 pm

Thanks for your feedback ladies. I was actually at a meeting this afternoon and they were talking about how valuable it would be to create some type of flow chart to show students about the different options. Students could better understand the courses, what they entail, and how they might best be able to incorporate a variety of different experiences (IB, VANTAGE, AP, etc.)

[Like](#) · [Reply](#)

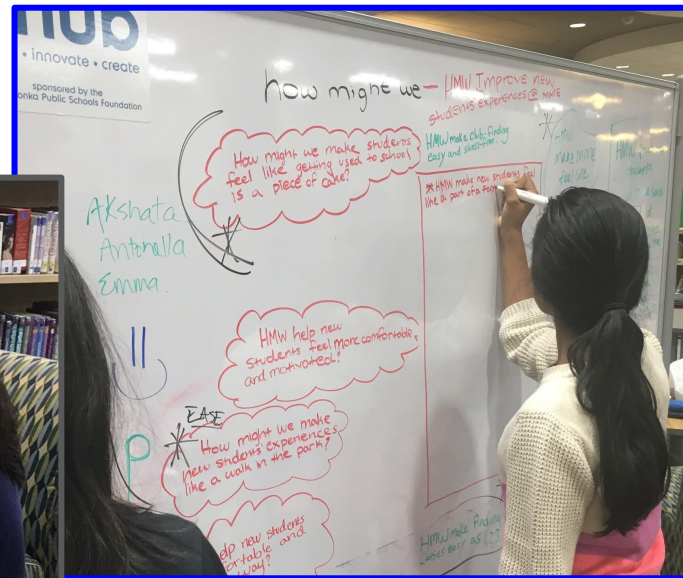
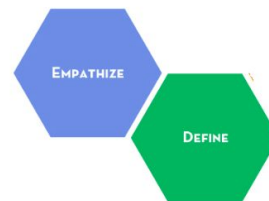
November



Looking & Wondering

Empathy Interviews

Define



November

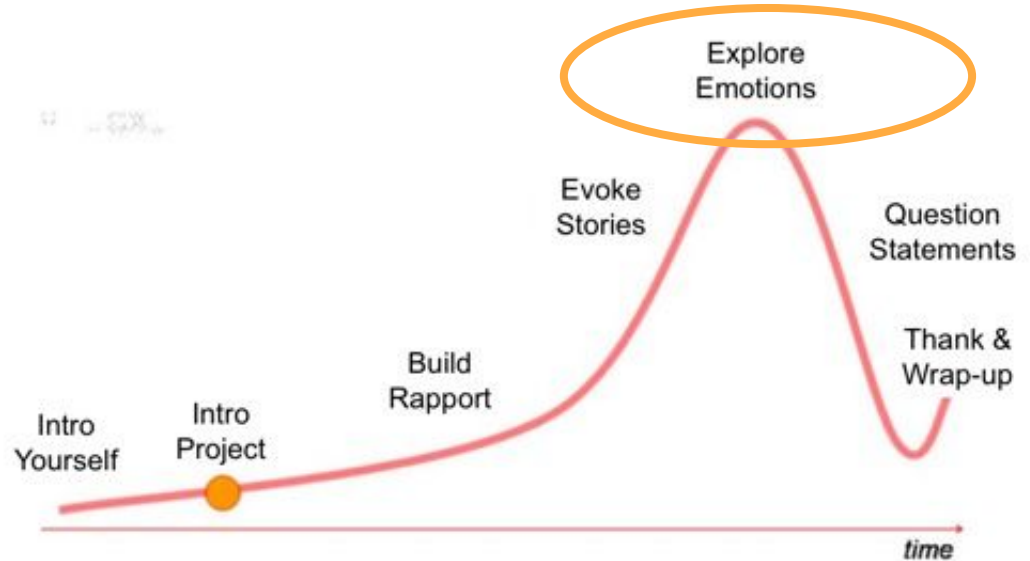
d. 
HASSE PLATTNER
Institute of Design at Stanford

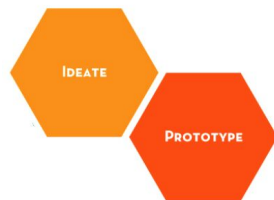
Coach
Coach #

EMPATHY FIELDGUIDE



Engage, Observe, Immerse





December

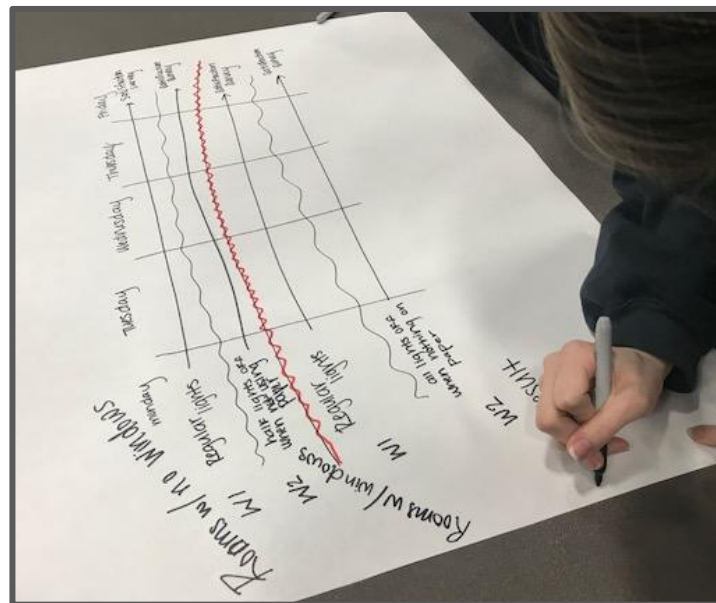


Ideate

Prototype Storytelling


IDEATE


PROTOTYPE








December



**Minnetonka**
Public Schools #276

 Home Courses ▾ Groups ▾ Resources ▾

   Nicole Snedden ▾ 



Group Options

Updates

Discussions (2)

Albums (4)

Members (40)


Resources



Student Innovation Team (SIT) 2017-18

Discussions

Notifications

Add Discussion Reorder

 **Looking and Wondering....**
44 posts · Created by Nicole Snedden Mon Oct 9, 2017 at 12:03 pm

 **Problems/Opportunities**  3
7 posts · Created by Nicole Snedden Mon Oct 9, 2017 at 12:06 pm

February



March/April

MHS Student Innovation Team

Idea Celebration!



May

Student Prototype/Examples

Production Riot

How might we improve the testing room experience for students and teachers?

Dominic Barry and
Marcus Knowles

Testing Room Innovation



The Dairy Predicament

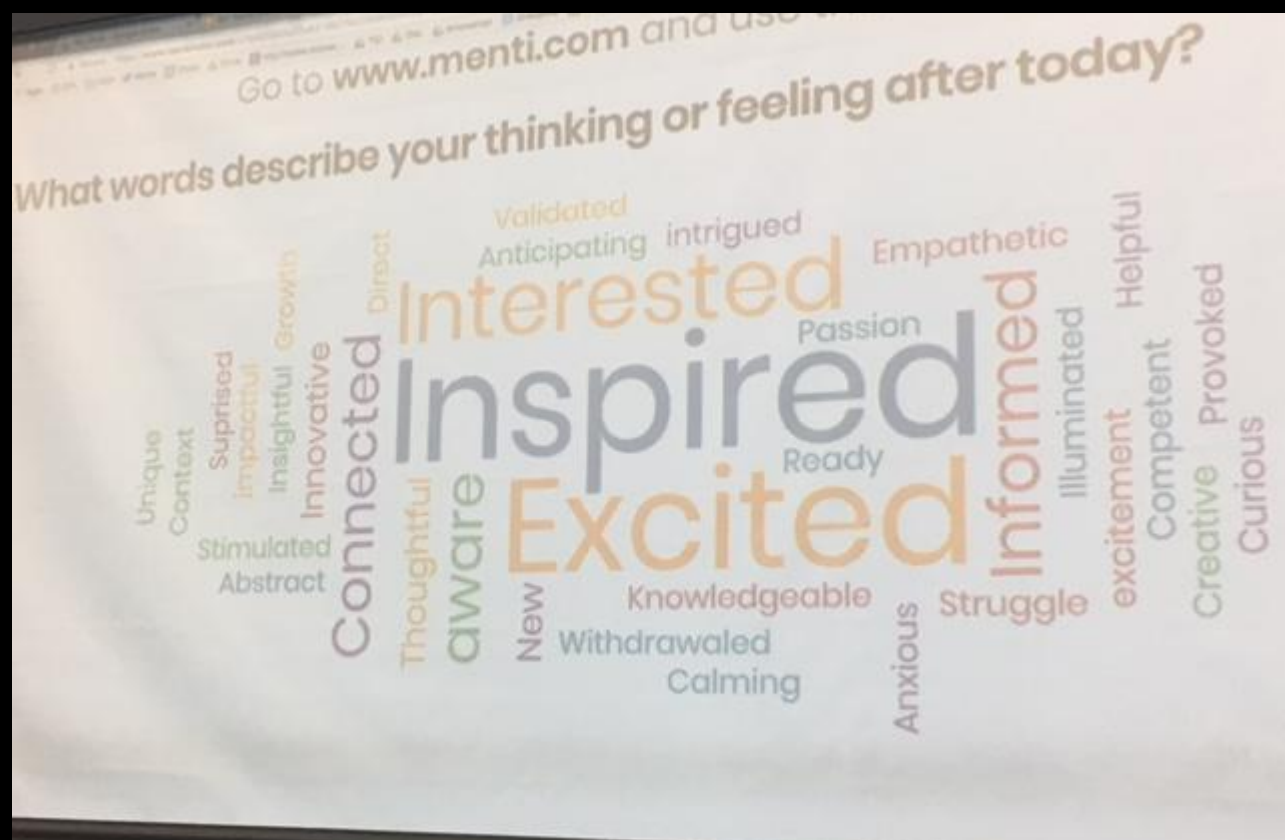
How might we make the dairy aisle a more enjoyable experience for the shopper?







Why should I create Student
Innovation Teams?







National Level Student Innovation Teams

You Retweeted



Jen Hegna @jenhegna · Sep 7

Local news station @KIMTNews3 did a story on our new Byron Innovation team after seeing it go through our social media channels! LOVE it! Check it out @nsnedden @stwillman @mcdowell_bob High school teaches students to be good citizens #byronbears

The Byron Innovation Team (BIT) is charged with creating meaningful solutions to problems observed in our classrooms, schools, or community using the human-centered design (HCD) methodology. HCD is a philosophy that empowers an individual or team to design products, services, systems, and experiences that address the core needs of those who experience a problem. We are looking for 16 students in grades 9-12 to join our team!



OUR GOALS

- Elevate the voice of our students and give them opportunities to act as positive agents of change
- Foster leadership and character skills that will support students in the present and future
- Develop an innovative mindset to tackle real-world problems, accept critical feedback, and revise work based on the needs of others.
- Collaborate with team members and connect their

HIGH SCHOOL TEACHES STUDENTS TO BE GOOD CITIZENS
BYRON, MN



High school teaches students to be good citizens

High school teaches students to be good citizens

kimt.com



1



8



19





@TonkaPrincipal



@nsnedden



Questions?

Extra Slides



M H S I N N O V A T I O N T E A M