



MINNETONKA
PUBLIC SCHOOLS



THE MINNETONKA EXPERIENCE



MINNETONKA
PUBLIC SCHOOLS



WELCOME CLASS OF 2027

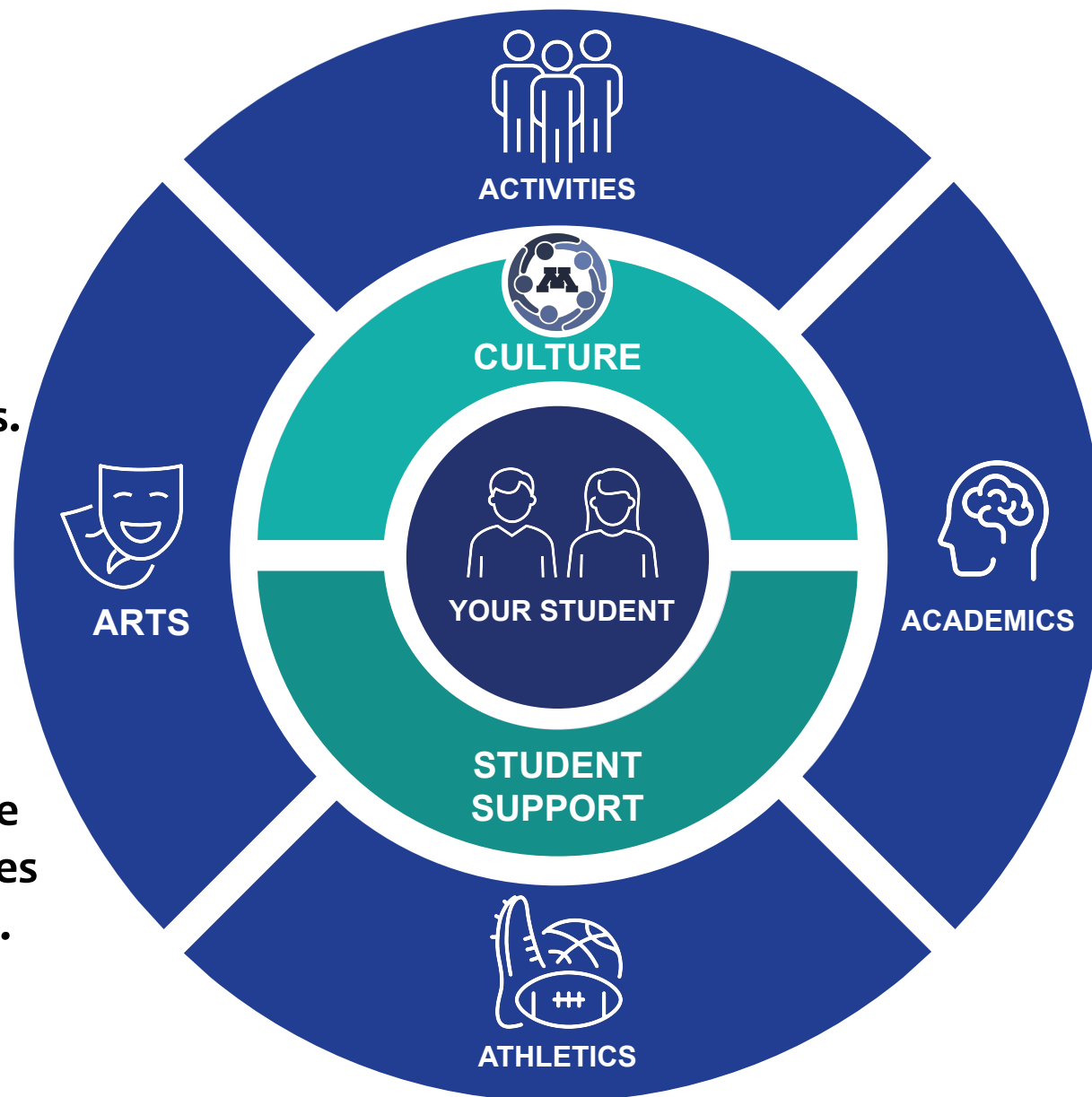


THE MINNETONKA EXPERIENCE

Students feel a strong sense of inclusion and belonging in the school community that is grounded in respectful and caring relationships.

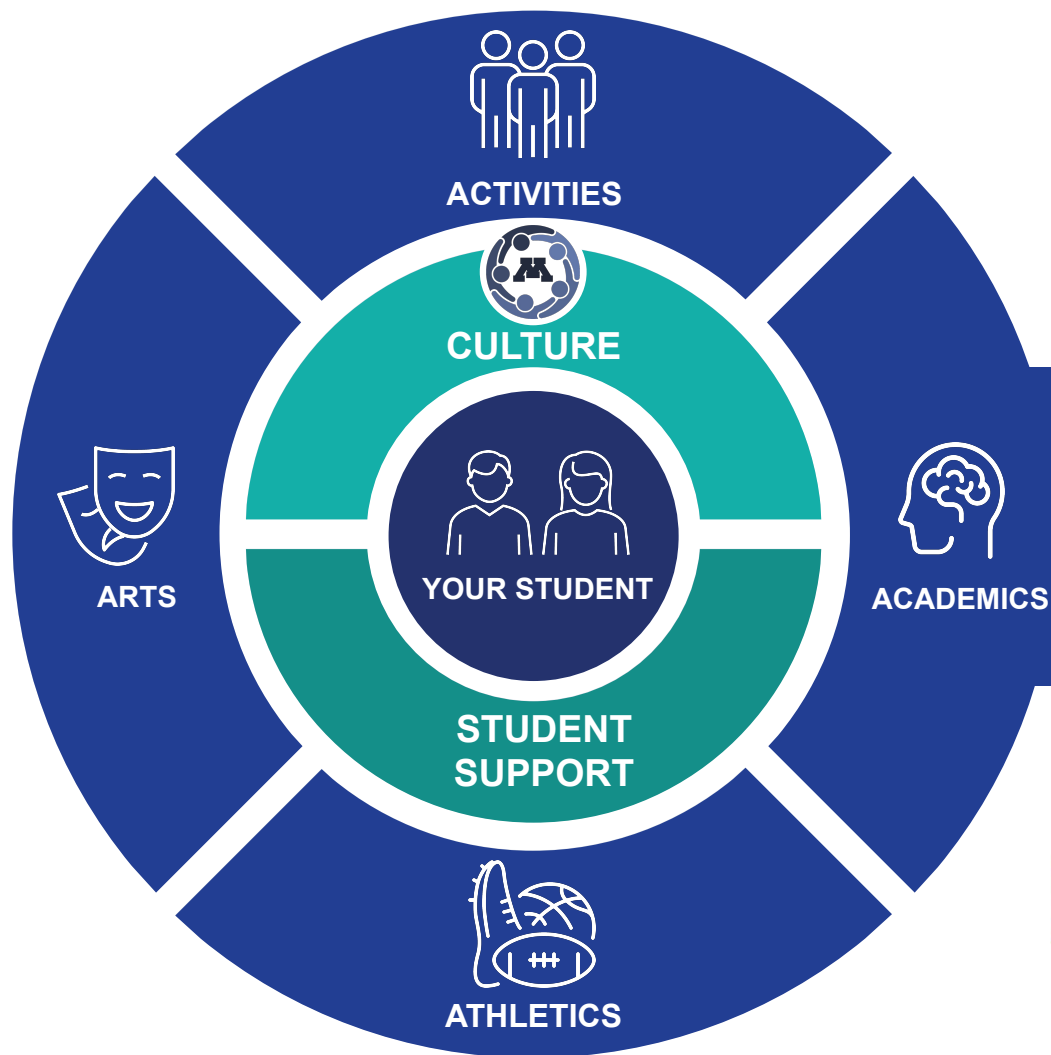
Students engage in learning environments that promote curiosity, critical thinking, authentic learning, and collaboration.

Students are inspired and challenged to explore their passions through new learning experiences and making connections beyond the classroom.





**DO THE RIGHT THING
REPRESENT US WELL**



A SCHOOL OF OPPORTUNITIES



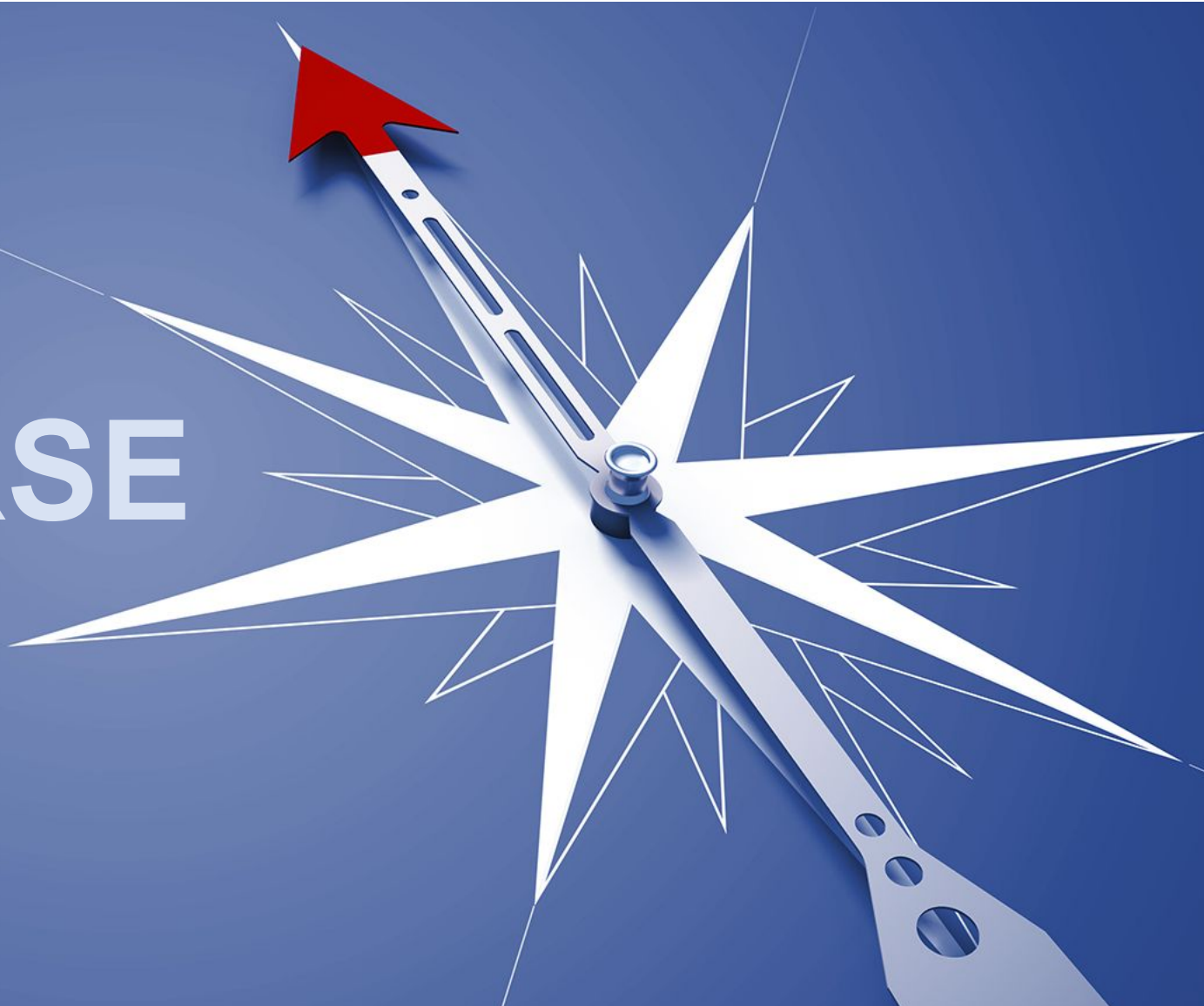
TonkaOnline







SETTING YOUR COURSE





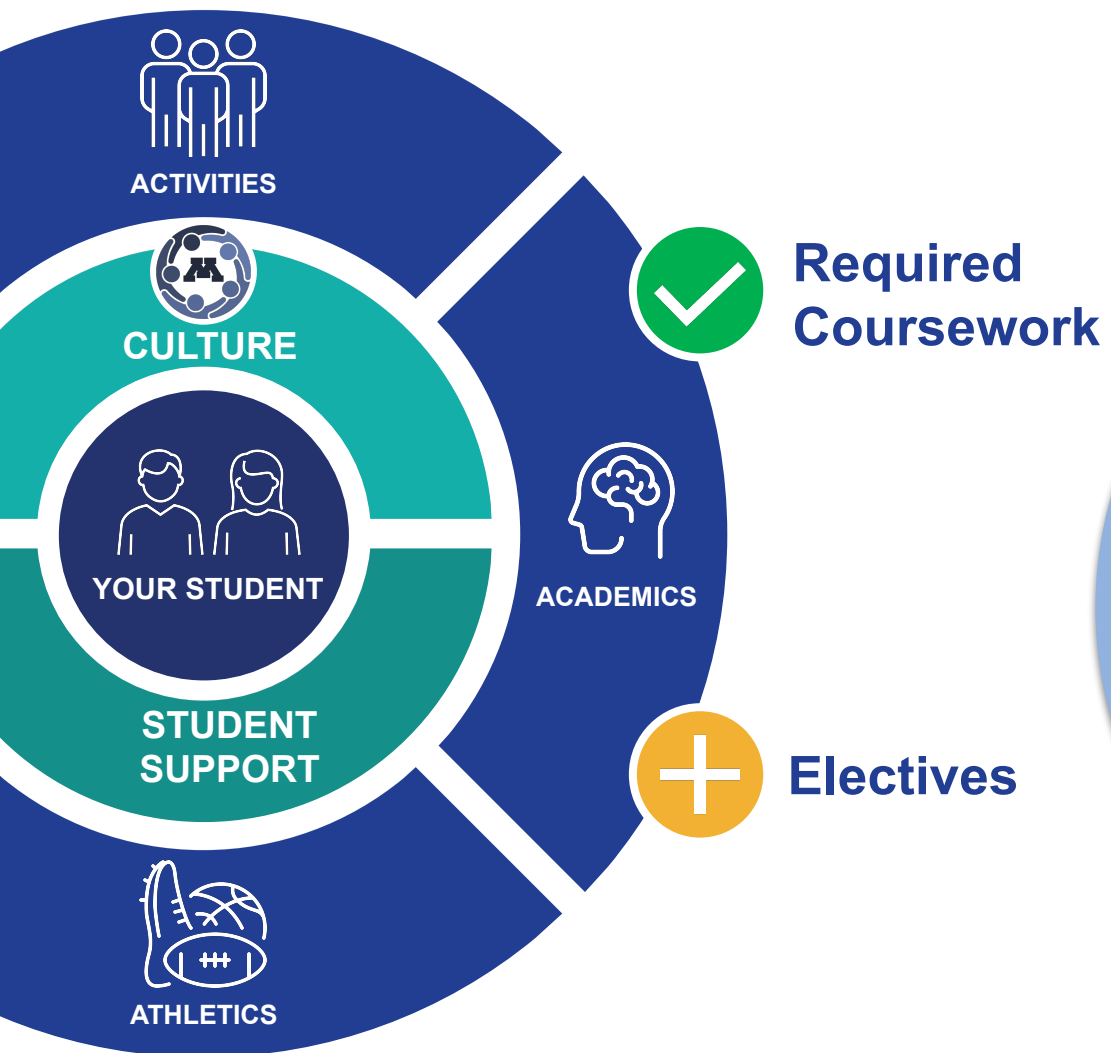
WHAT ARE YOUR CHILD'S GRADUATION GOALS?



MINNETONKA
Language Immersion

TonkaOnline







9th Grade Coursework



English



Mathematics



Science



Social
Studies

你好

¡Hola!



World
Language

你好

¡Hola!



Music

你好

¡Hola!

Immersion classes



9th Grade Required Coursework for graduation



English



4 Credits



Mathematics



3 Credits



Science



3 Credits



Social
Studies



3.5 Credits

22.5
CREDITS



Grade 9 Planning Guide Video



English

- English 9
- English 9 Honors
- English 9 Honors Communication



Mathematics

- Follow course sequence
- Talk to your teacher for recommendations



Science

- Integrated Physical Science G
- Integrated Physical Science Honors
- AP Physics I - (grade 9)



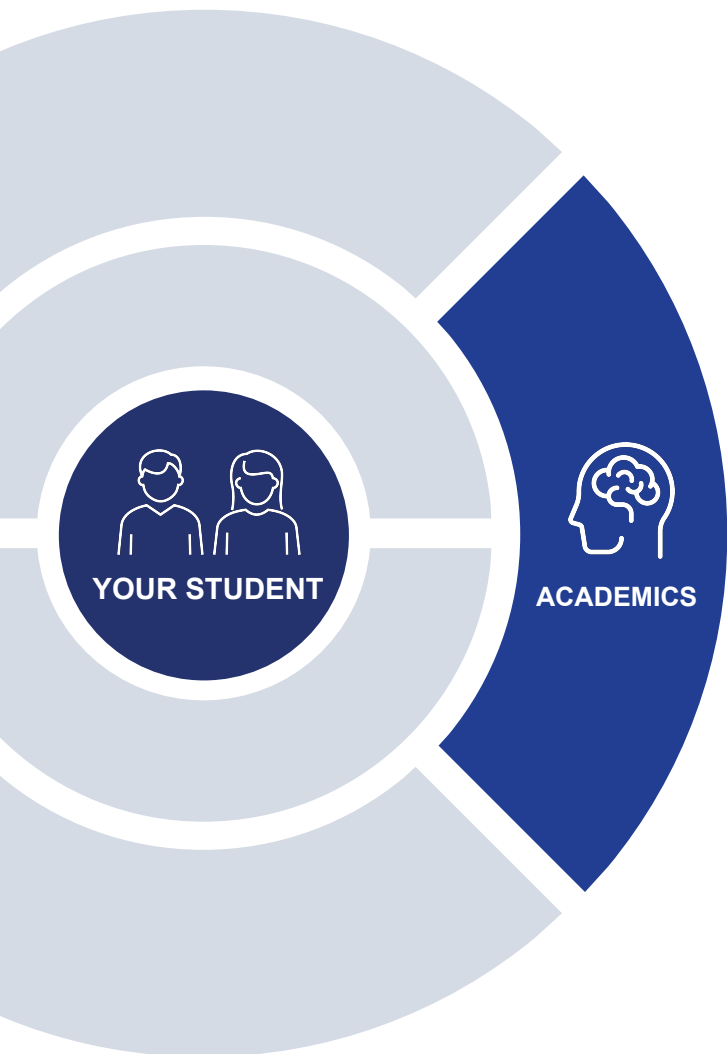
Social Studies

- Human Geography and Civics
- Chinese/Spanish Immersion Human Geo & Civics
- AP Human Geography



World Language

- American Sign Language
- Immersion: Chinese/Spanish
- French/German/Spanish



9th Grade Required Coursework



English



Mathematics



Science



Social
Studies



World
Language/Immersion



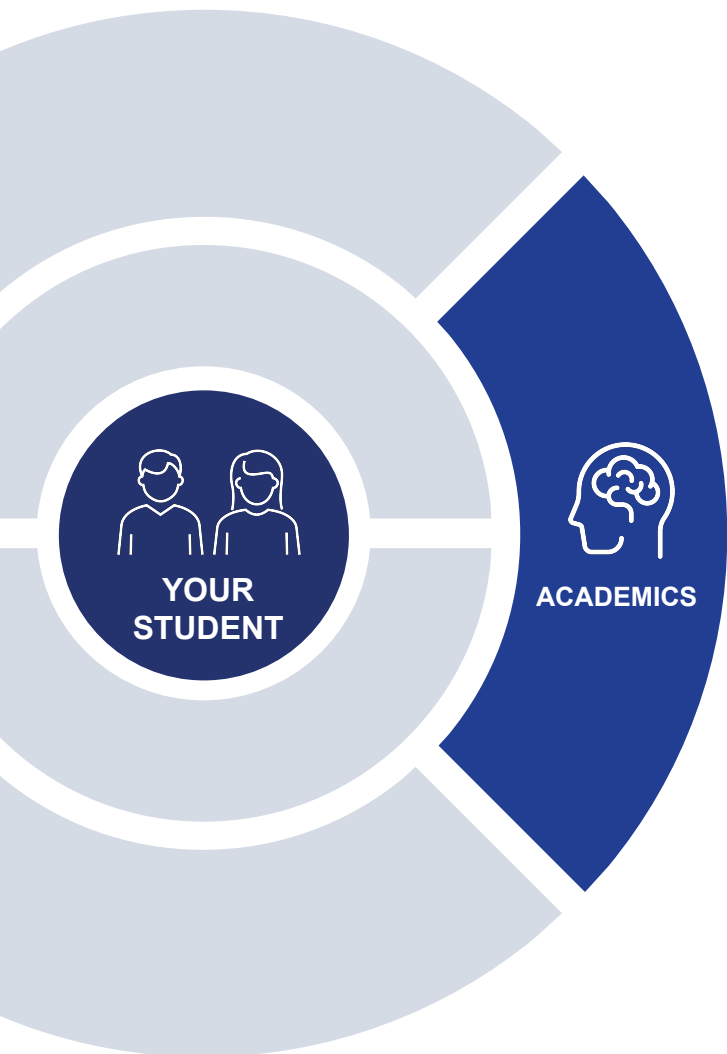
Art



Physical
Education



Health
(Embedded)



English

9th
GRADE

English
9

O
R

English
9
Honors

O
R

English 9 Honors Communication

*(Concurrent enrollment
in AP Physics 1 - Grade 9)
Prerequisite: Grade 8 Minnetonka
Accelerated Science
or placement exam*

10th
GRADE

English
10

O
R

AP
Language
&
Composition
10

O
R

American Studies 10 Honors

*(Concurrent enrollment in American
Studies 10 Honors Social Studies)*



The Arts: 1 credit required in 4 years



Art



Family &
Consumer
Science



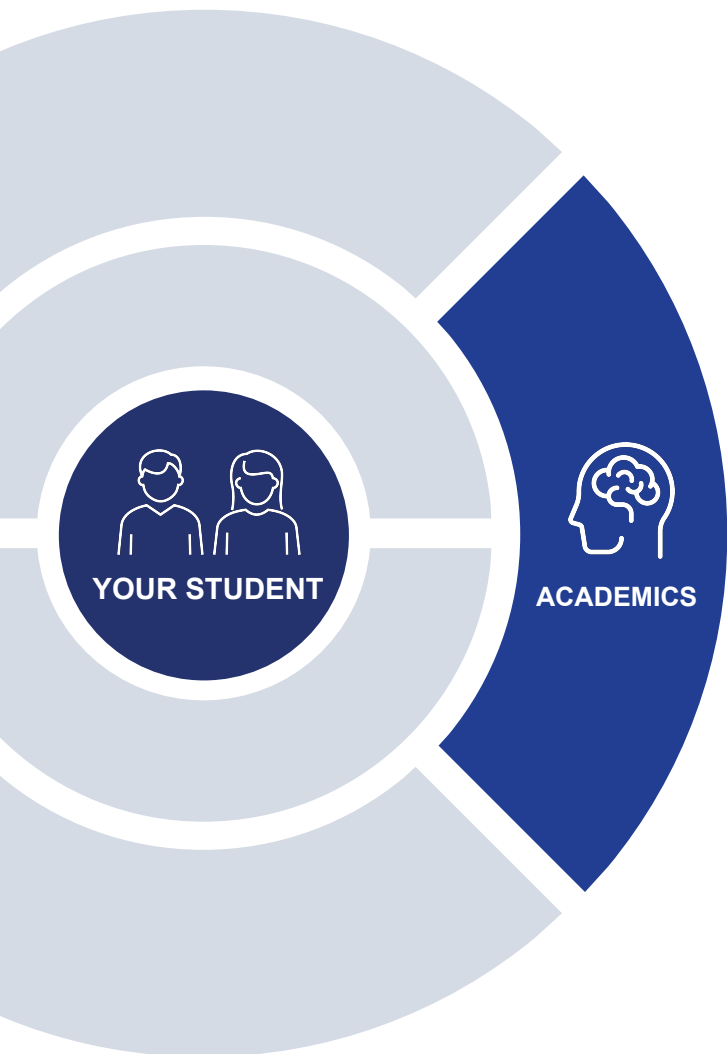
Theater



Music



Technology



Physical Education: 1 credit required in 4 years



Physical
Education



Health
(Embedded)

- **Fitness A (.5) and Wellness B (.5)**
- Tonka Online **Fitness A** and **Wellness B**



*Classes available
on Tonka Online*



Schedule Overview

Semester 1	Semester 2
1 English	1 English
2 Social Studies	2 Social Studies
3 Math	3 Math
4 Science	4 Science
5 World Language	5 World Language
6 Elective 1 (example: Art)	6 Elective 2 (example: PE)



9th Grade Required Coursework



English

- English 9
- English 9 Honors
- English 9 Honors Communications
(integrated with AP Physics 1 Grade 9)



9th Grade Required Coursework



Social Studies

- Human Geography & Civics
- Chinese Immersion or Spanish Immersion Human Geography & Civics
- AP Human Geography





9th Grade Required Coursework



Mathematics

- Follow course sequence
- Talk with your current teacher for recommendation



9th Grade Required Coursework



Science

- Integrated Physical Science
- Integrated Physical Science Honors
- AP Physics I Grade 9
(integrated with English 9 Honors Comm)



9th Grade Coursework



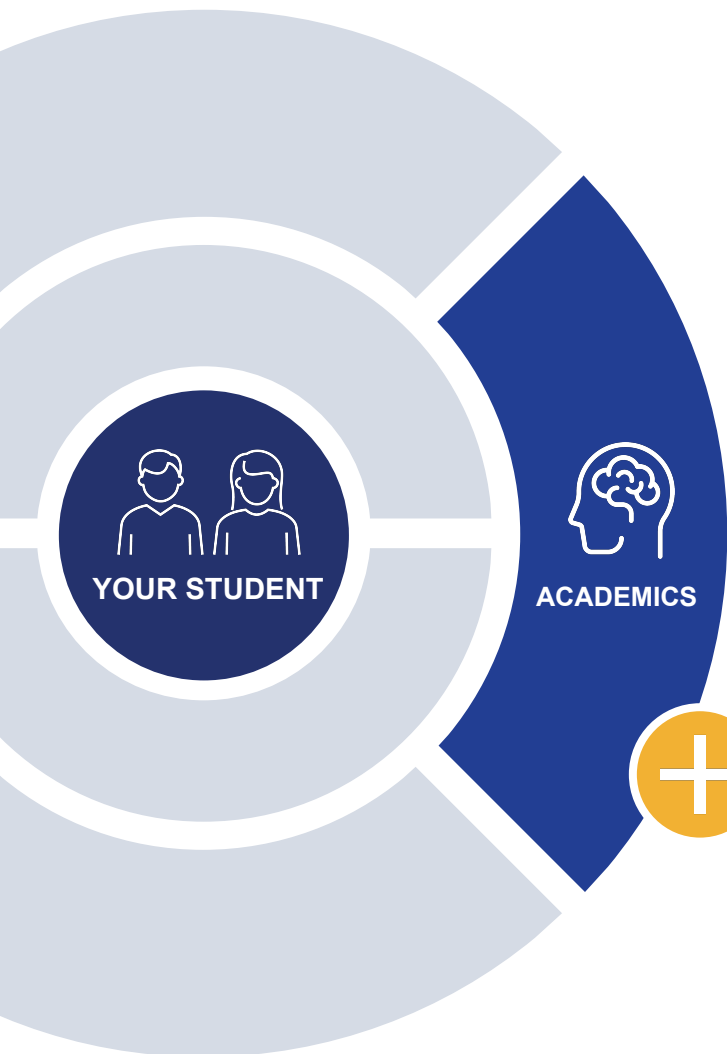
World Language

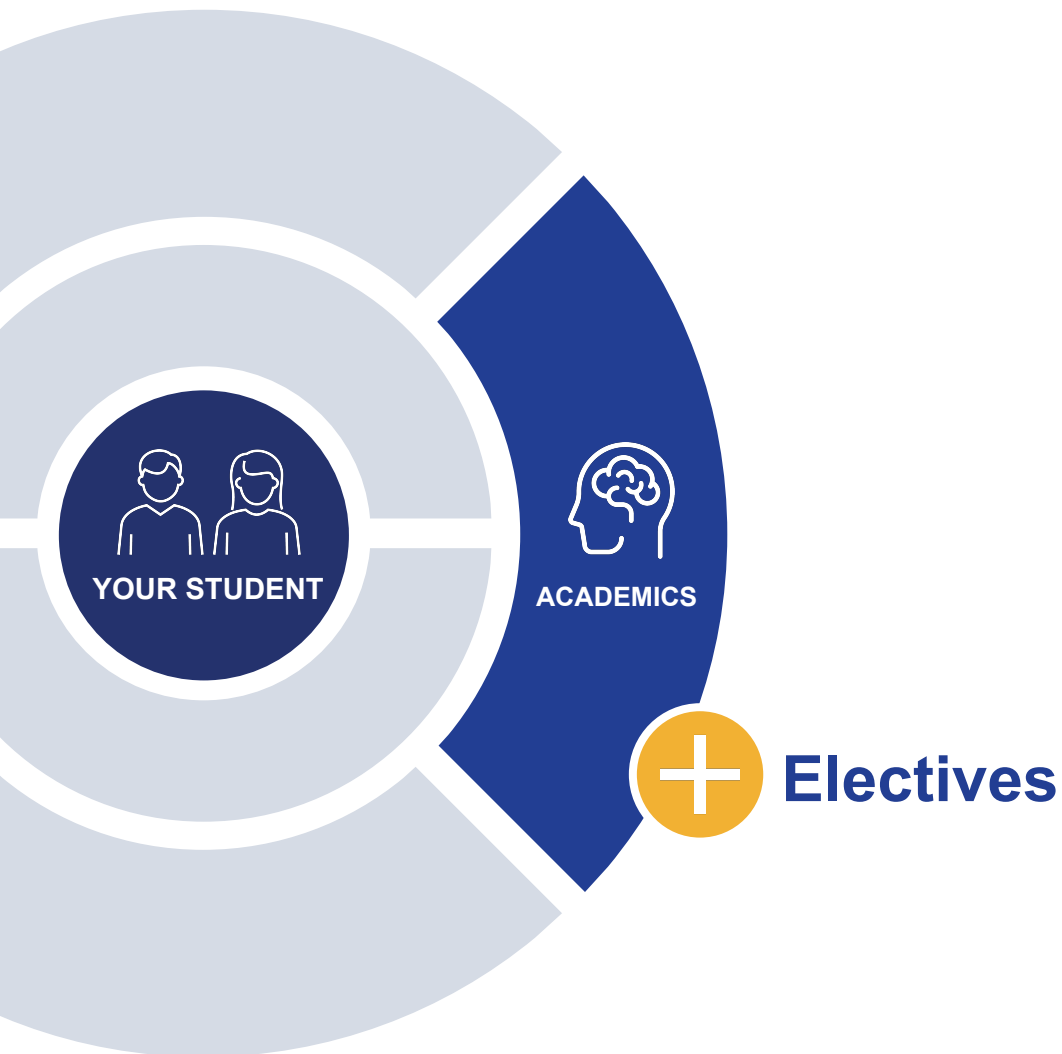
- American Sign Language
- Spanish
- French
- German
- Immersion Chinese
- Immersion Spanish



Registration Considerations

- **Pick electives based on your interests**- similar registration does not mean similar schedules
- Make sure to enter alternative electives
- **There are no schedule changes**
example: for lunch or changing teachers
- Now is the time to select the classes you want to take, we build the schedule based on your registration.
- Juniors are not permitted to leave campus for lunch or open hours
- Summer classes: register now





English



Mathematics



Science



Social
Studies



World Language/
Immersion



International
Studies



Physical
Education



Music



Art



Family &
Consumer
Science



Technology



Computer
Science

PSEO



Business



ACADEMICS

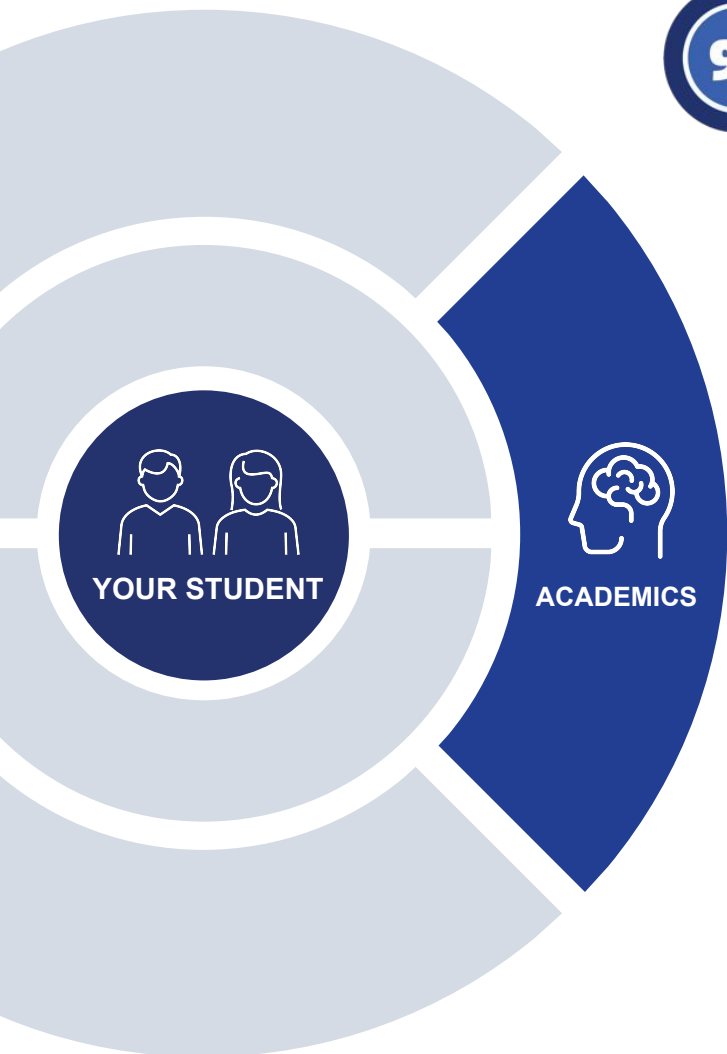


A SCHOOL OF OPPORTUNITIES



TonkaOnline





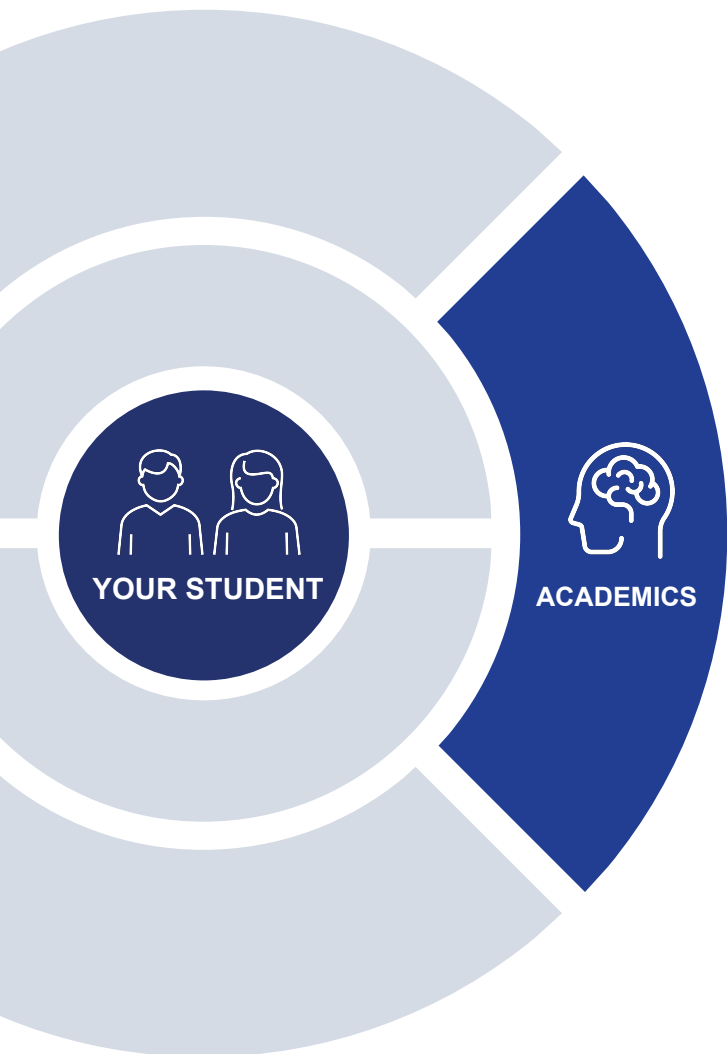
Tonka Online Video



TonkaOnline

Engage in a flexible learning environment with Tonka Online. Our innovative program offers 50+ courses taught by Minnetonka teachers experienced in online education.

Your Time. Your Pace. Your Space.



TonkaOnline Signature Experience



Courses **taught by Minnetonka teachers**, experienced in providing online and traditional education.



Fully accredited by the Minnesota Department of Education and the NCAA.



Flexibility allows students to **engage with courses on their schedule**, take courses that align with interests and maximizes their potential.



Challenge students with **access to AP courses** that extend their learning. Take core and elective courses year-round.



[Momentum Video](#)

Our Vision:

- With MOMENTUM, we are driven to build skills bound, career connected students.

Our Goals:

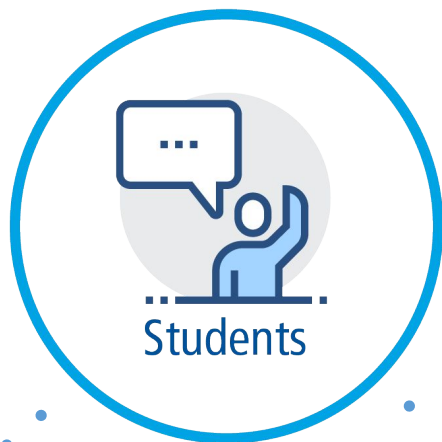
- Hands on, applied and experiential learning.
- Labs not lectures.
- Career-oriented - Doing what you enjoy.
- Allow for creativity.



MODEL



Guest
Instruction



Site Visits +
Events +
Post
Secondary



Real World
Application



Youth Mini Apprenticeship



MHS
Teachers



Pathways in the Trades



Construction
Systems



Manufacturing



Transportation



Engineering



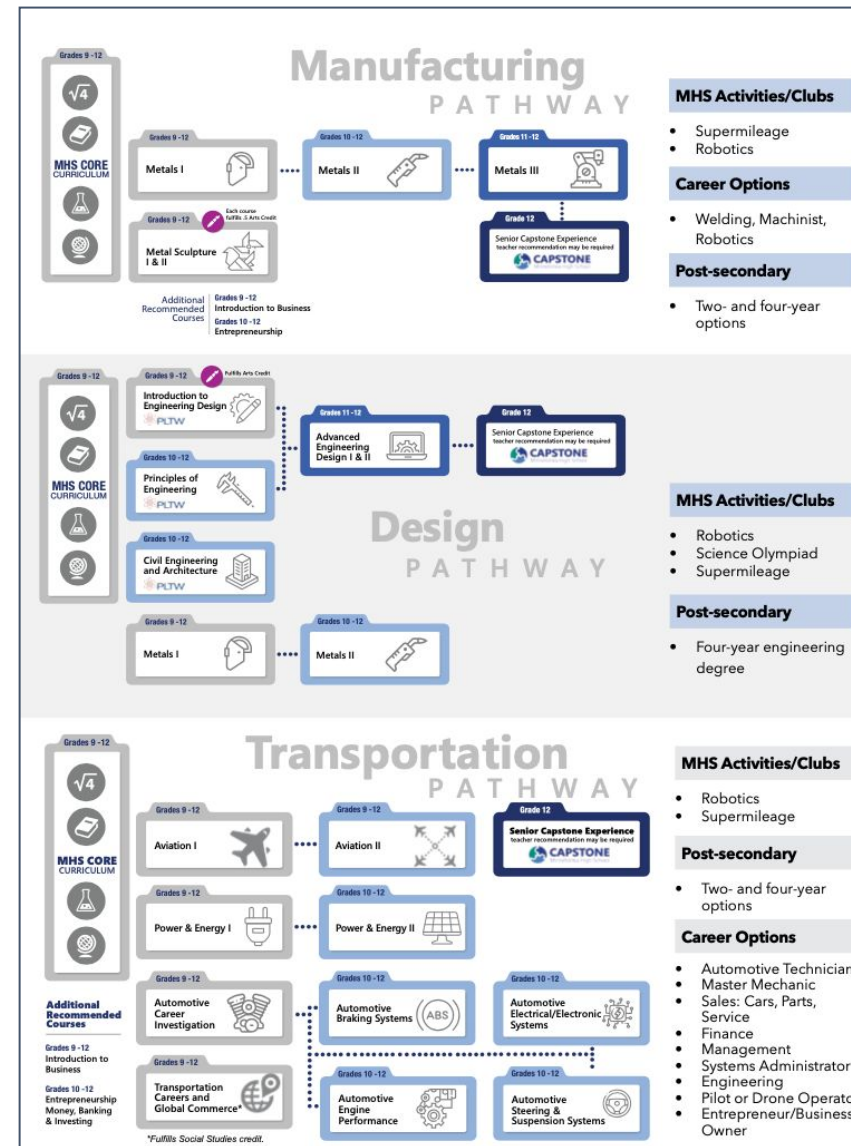
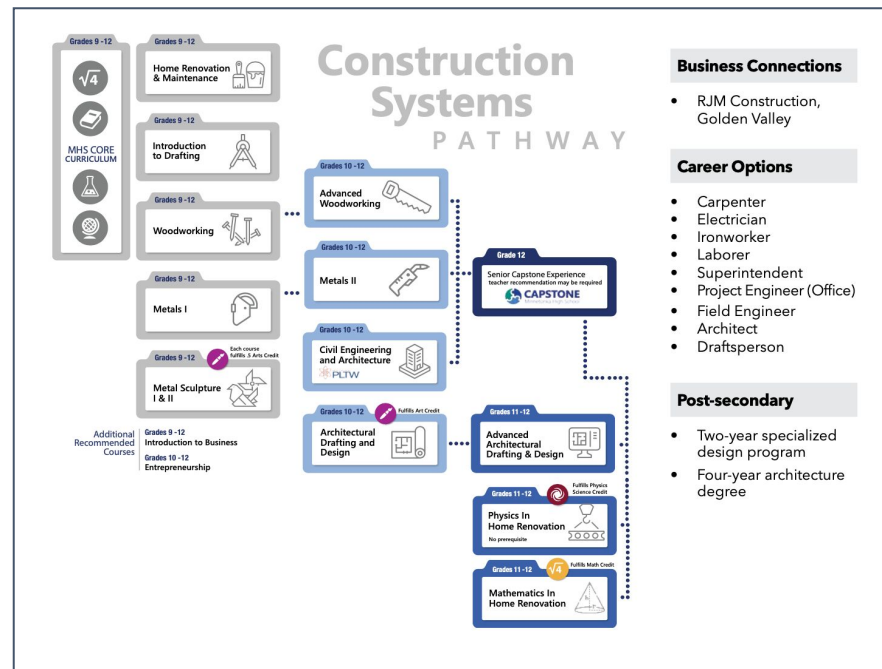
Design

**ALL MOMENTUM
PATHWAYS SEEN
ON
MINNETONKASCHOOLS.ORG**



ACADEMICS

YOUR STUDENT





New for '23 - '24

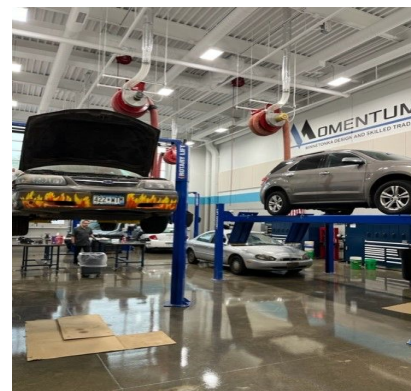
Aviation I and II

- Take as 9th grader or later at MHS
- Elective credit
- AOPA Curriculum - see next slide



Transportation Careers and Global Commerce

- Take as a 11th or 12th grader
- Elective and Social Studies credit - two hour, one semester course








AOPA CURRICULUM

Aviation I & Aviation II

These two courses “provide the foundation for advanced exploration in flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem-solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible.


Students will look at the problem-solving practices and innovative leaps that transformed space exploration from the unimaginable to the common in a single generation. Students will also gain a historical perspective, from the earliest flying machines to various modern aircraft.” - AOPA





GRADE 9
UNIT 2
SECTION D
LESSON 1

LAUNCHING INTO AVIATION
TAKING FLIGHT—EARLY AVIATION INNOVATIONS
POWERED, CONTROLLED FLIGHT

 v1.0
HIGH SCHOOLS
POWERED BY AOPA

The “Wright” Approach

Session Time: Two, 50-minute sessions

DESIRED RESULTS

ESSENTIAL UNDERSTANDINGS

Appreciate the rich, global history of aviation/aerospace and the historical factors that necessitated rapid industry development and expansion. (EU1)

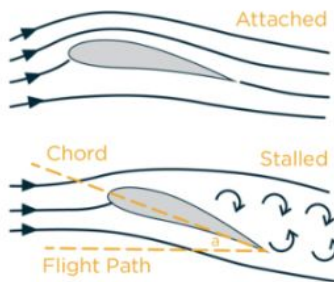
Understand the importance of professionalism, ethics, and dedication as they relate to all aviation/aerospace operations. (EU4)


ESSENTIAL QUESTIONS

1. What about the Wrights’ methods made them successful where others had failed?
2. What questions did the Wrights have to answer to accomplish sustained, controlled flight?
3. How important were these developments in the achievement of powered, controlled flight?

HOW DOES ANGLE OF ATTACK AFFECT LIFT?

- Lift is directly affected by angle of attack
 - As the angle of attack increases, so too does the lift produced by the airfoil
 - This is true until the critical angle of attack is reached
- At the critical angle of attack, the boundary layer of air separates from the airfoil and creates drag
 - This is called an “aerodynamic stall”



 HIGH SCHOOLS
POWERED BY AOPA



[Project Lead The Way Video](#)

PROJECT LEAD THE WAY
PLTW



PROJECT LEAD THE WAY

Pre-Engineering and Architectural Design
Pathway. Students **may earn college credit**
with end of course exam scores.



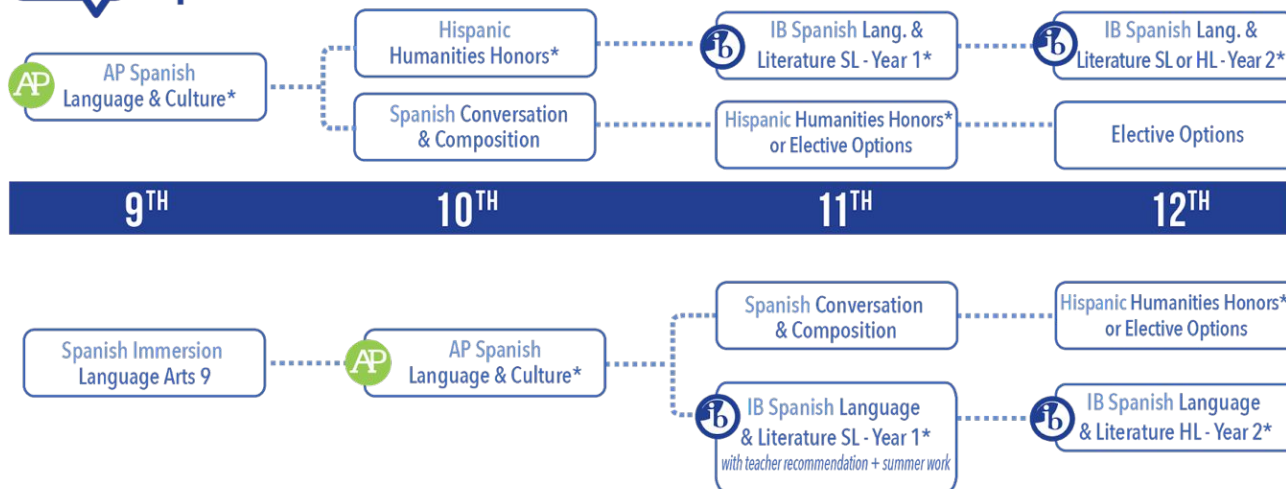
LANGUAGE IMMERSION

Language Immersion for students who have been in the **Language Immersion program since elementary school or heritage speakers.** May take two hours per day in Chinese or Spanish.



LANGUAGE IMMERSION

¡Hola! Spanish Immersion



Other Spanish Immersion Opportunities

World Language/Social Studies

(one-semester - ala carte electives - Gr: 9-12)

- Spanish Film & Culture
- Spanish Film & Culture (Tonka Online)
- Spanish Immersion Careers & Professions
- Introduction to Hispanic Linguistics & Culture
- Introduction to Latin American Politics

NEW! Contemporary Arts and Culture: Spain, Central America and Caribbean and/or South America (Gr: 10-12)

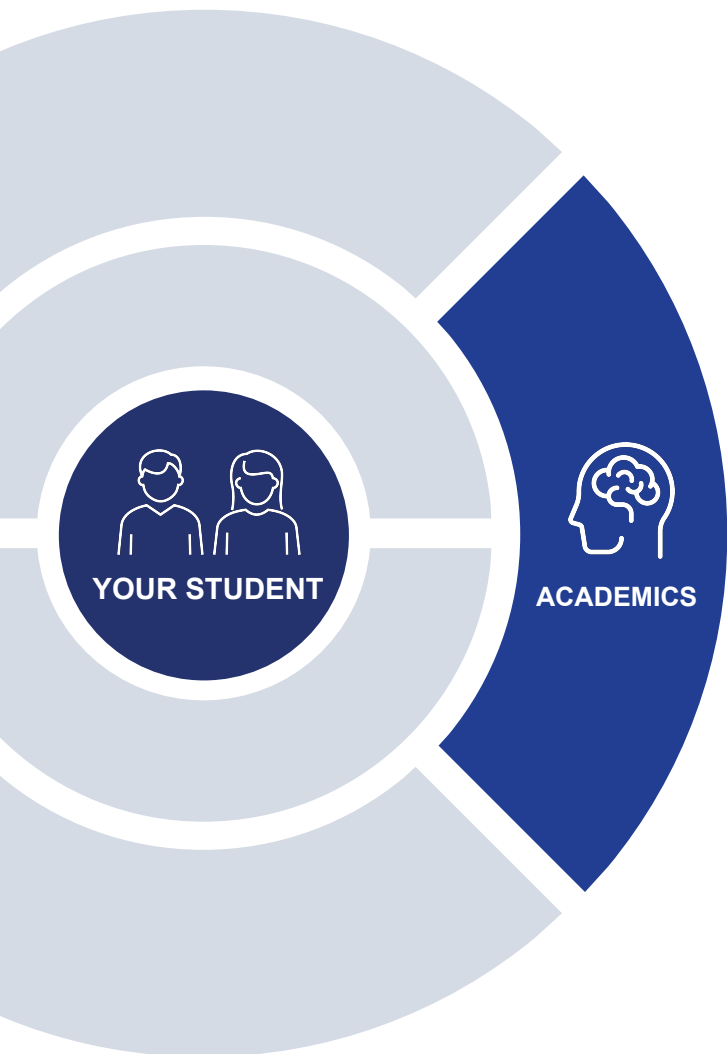
Social Studies - (Full year)

- Spanish Immersion Human Geography & Civics 9
- IB Global Politics SL 11-12 (fulfills economics requirement)

World Language - 3rd Language

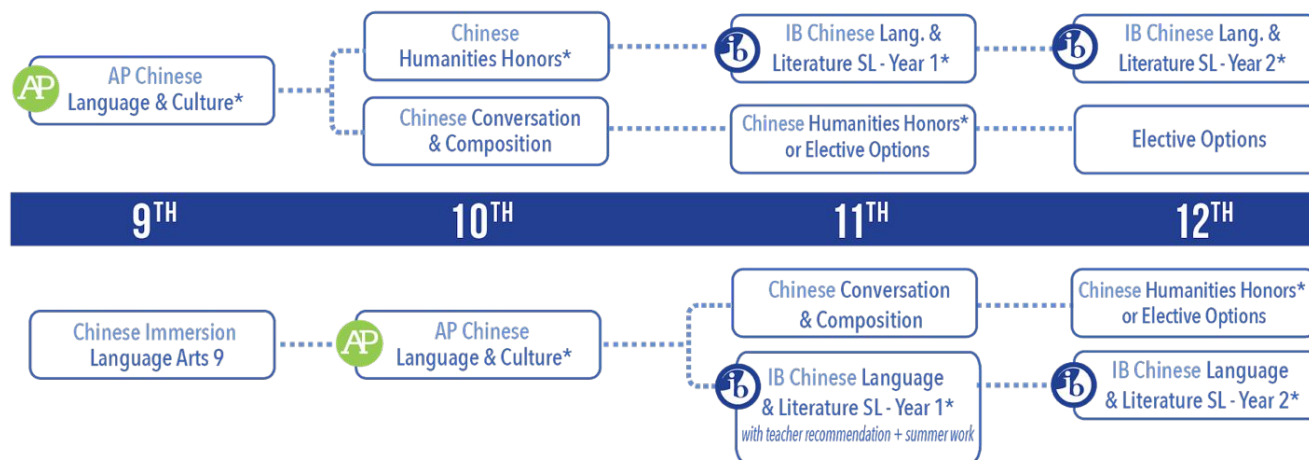
- ASL/French/German (all grades)
- IB Ab Initio French/German (Gr: 11-12)

*weighted grade



LANGUAGE IMMERSION

你好 Chinese Immersion



Other Chinese Immersion Opportunities

World Language/Social Studies (one-semester - ala carte electives - Gr: 9-12)

Chinese Film & Culture
Chinese Film & Culture (Tonka Online)
Chinese Immersion Careers & Professions
Introduction to Chinese Politics

Social Studies - (Full year)

Chinese Immersion
Human Geography & Civics 9

World Language - 3rd Language

ASL/French/German/Spanish
(all grades)
IB Ab Initio French/German/Spanish
(Grades 11 & 12 only)

*weighted grade



ADVANCED PLACEMENT

College-level courses in high school.
It is possible to **earn college credit** or
higher placement based on exam
scores and college/university policy.



[AP Video](#)



[IB Diploma Video](#)



YOUR STUDENT



ACADEMICS

International Baccalaureate

An international standard of excellence, **intellectual rigor** and a **well-rounded academic experience**.

Eligible for **college credit**. Full IB Diploma Programme or individual IB courses.

IB Information Meeting:

February 13th

6:00pm GoogleMeet



82%

Minnetonka Seniors have taken an **AP** or **IB** course to prepare for college.



95%
PASS RATE



83%
PASS RATE



LAUNCH:

Strategies for Success

Begin the year equipped with strategies for success in advanced courses!

- Time management
- Organization
- Study skills
- Wellness
- And more!

Late August 23, 2022

Workshop details and registration info to follow!



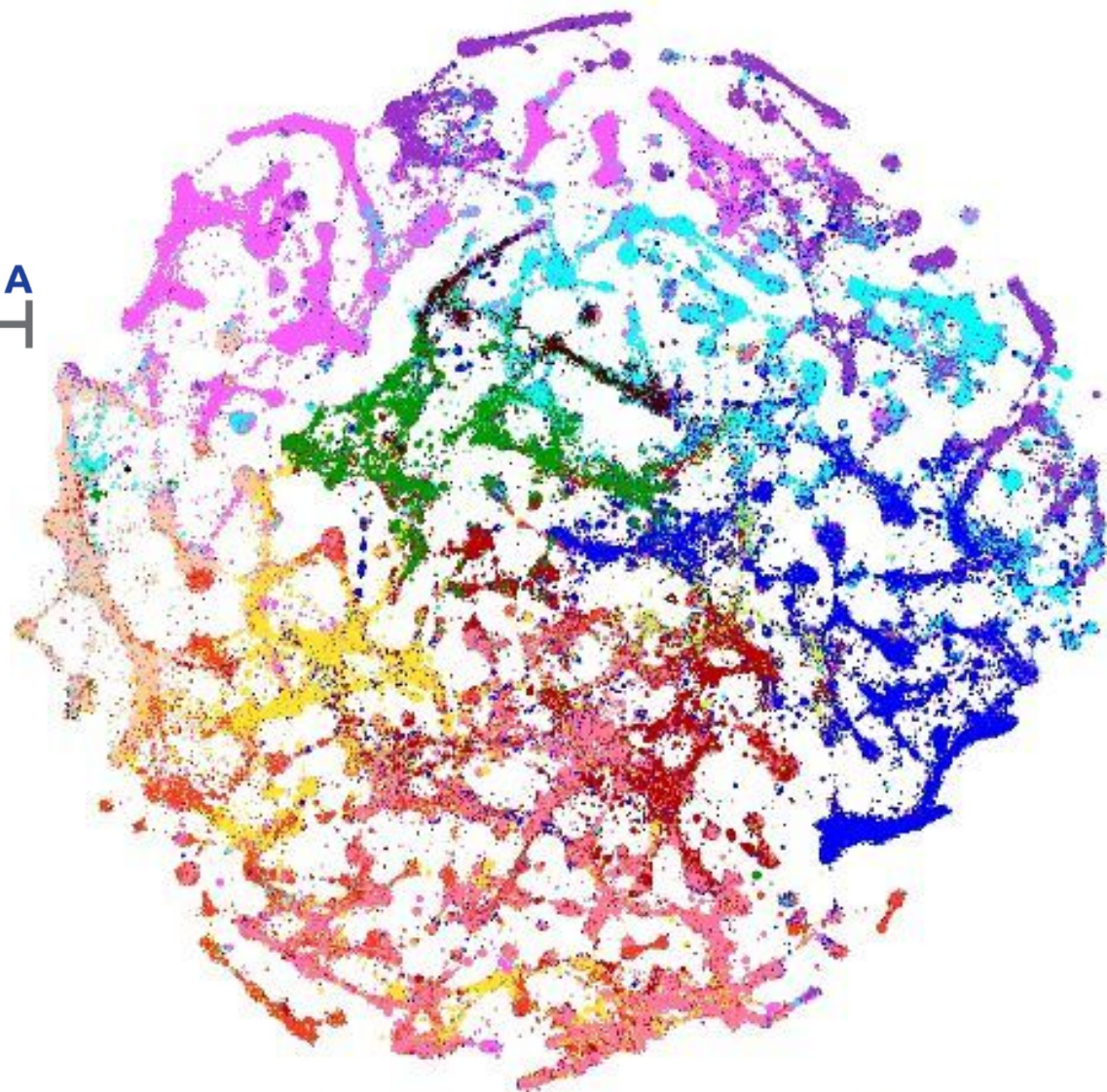
Minnetonka Research Video



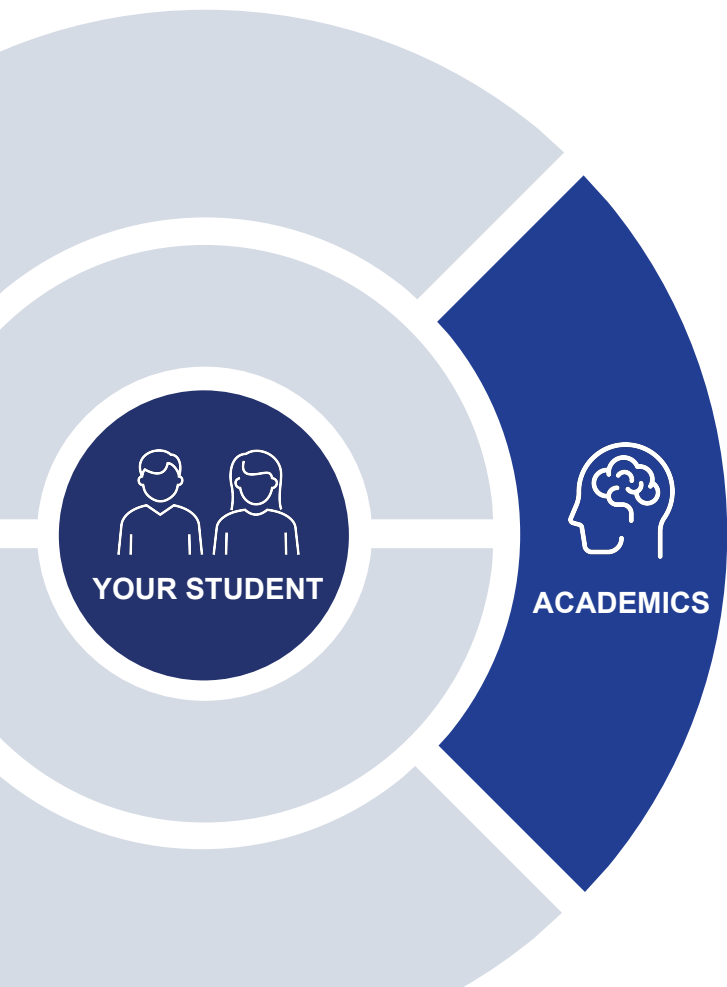
Authentic research driven by students' own questions and interests. For students who have a passion for independent work and have already **completed AP or IB coursework.**



Students are able to select and design projects and work within a diverse set of fields



- | | | | |
|---------------------|-----------------|-----------------------|-------------------|
| ● Computer Sciences | ● Earth Science | ● Infectious Disease | ● Brain Research |
| ● Math / Physics | ● Biology | ● Medical Specialties | ● Humanities |
| ● Chemistry | ● Biotechnology | ● Health Sciences | ● Social Sciences |
| ● Engineering | | | |



1 to 1 Mentors, access to advanced lab, authentic experiences, and focused instruction all help students develop skills essential to maximizing future opportunities.

Communication

**Professional
Skills**

**Research
Process**

**Scientific
Knowledge**



VANTAGE Video



Real-world projects, expert guest instruction, 1-to-1 mentors, events, and site visits are layered on to create a uniquely engaging experience.

tonkavantage.com



MODEL



**Guest
Instruction**



**Site Visits
+ Events**



**MHS
Teachers**



Mentors



**Company
Projects**



STRANDS



Business
Analytics



Design +
Marketing



Global
Business



Global
Sustainability



Health Science



International
Relations



Multimedia
Communications



Public Policy



UX Design



VANTAGE
Education



IMPACT



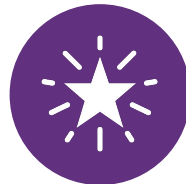
Confident Young Adults Ready to Excel in Professional Environments



Teamwork



Problem Solving



Leadership

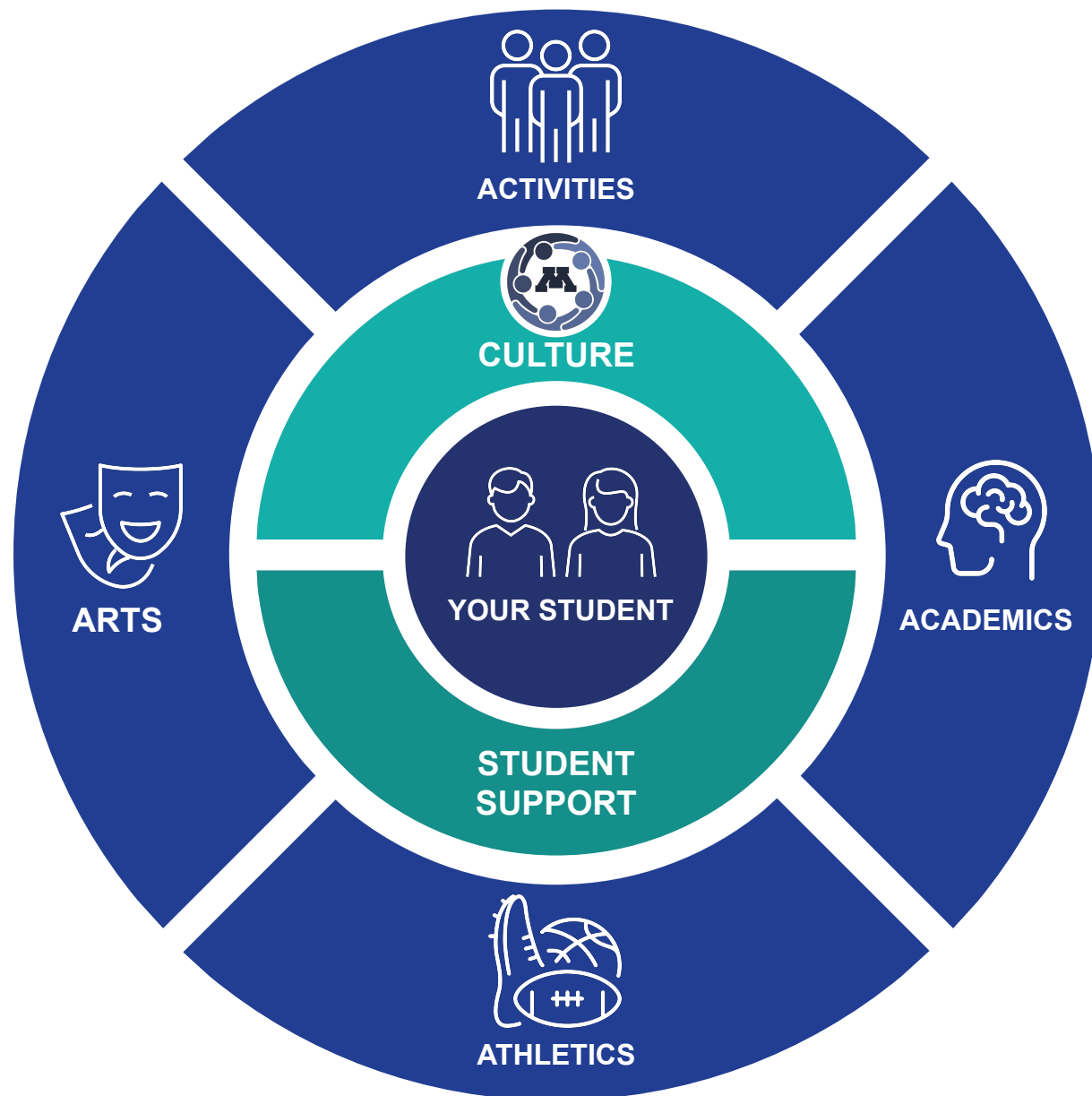


Effective Communication

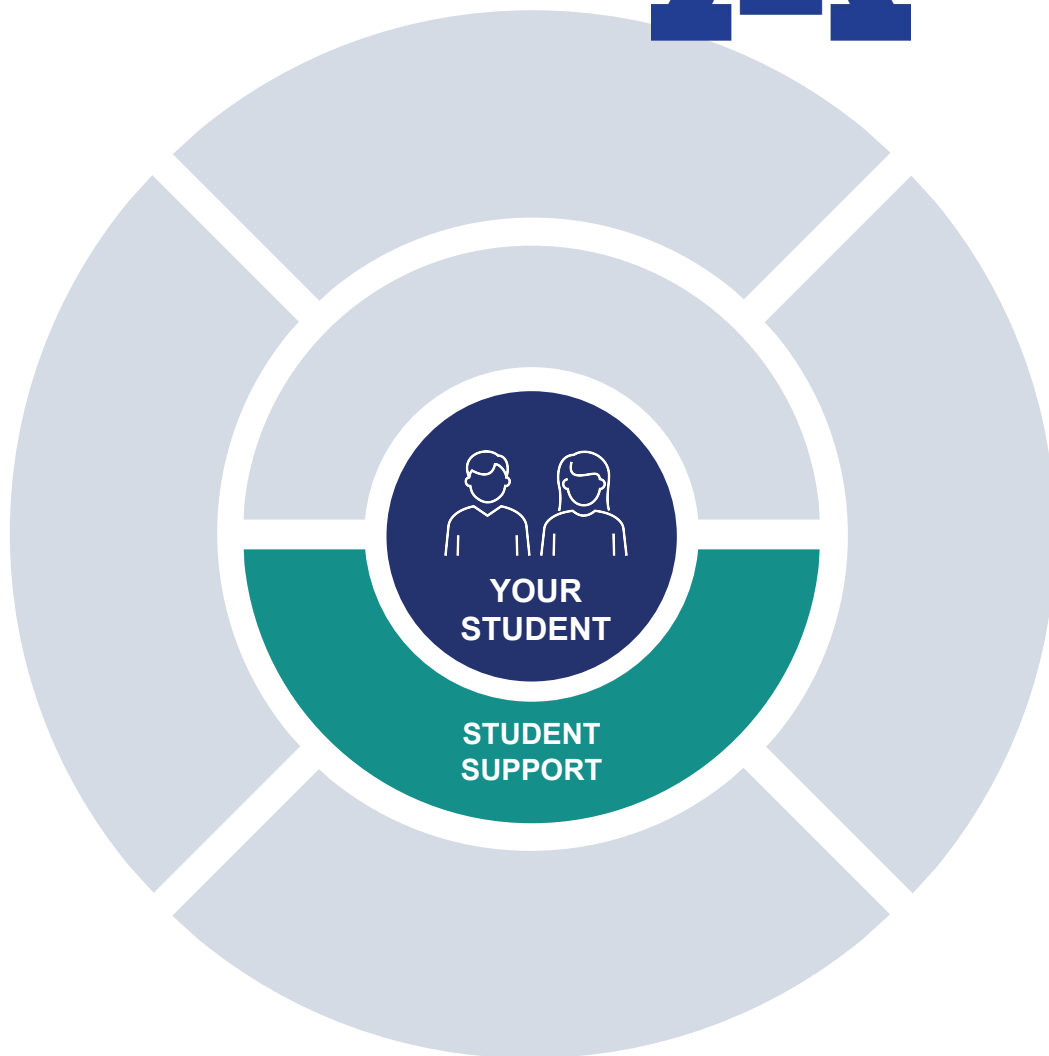
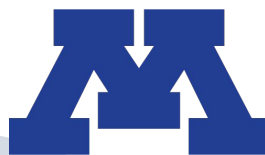


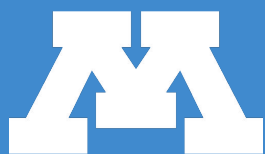
Professionalism





THE WHOLE STUDENT





THE MINNETONKA HIGH SCHOOL COUNSELING STAFF



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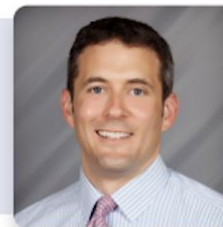
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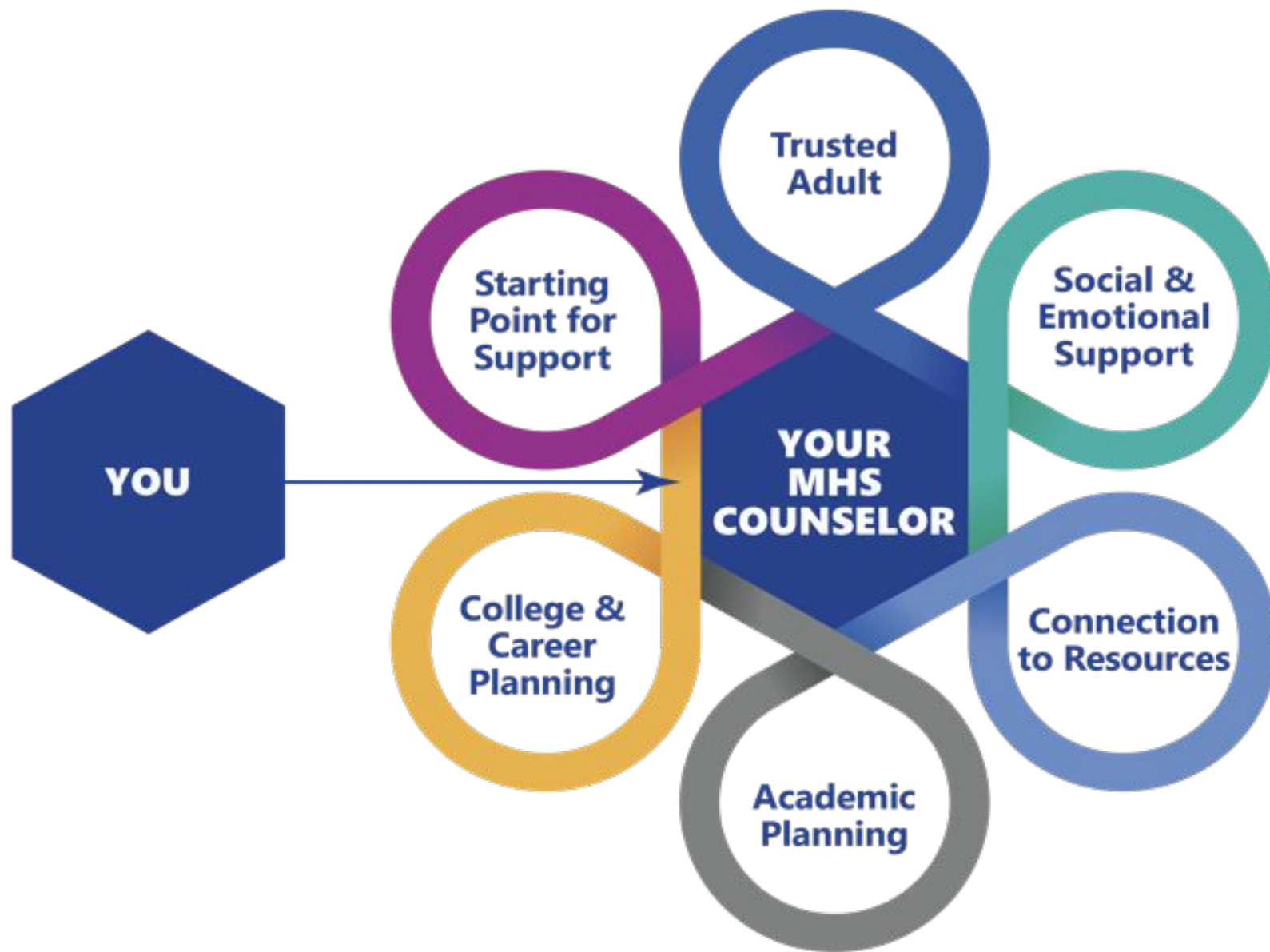
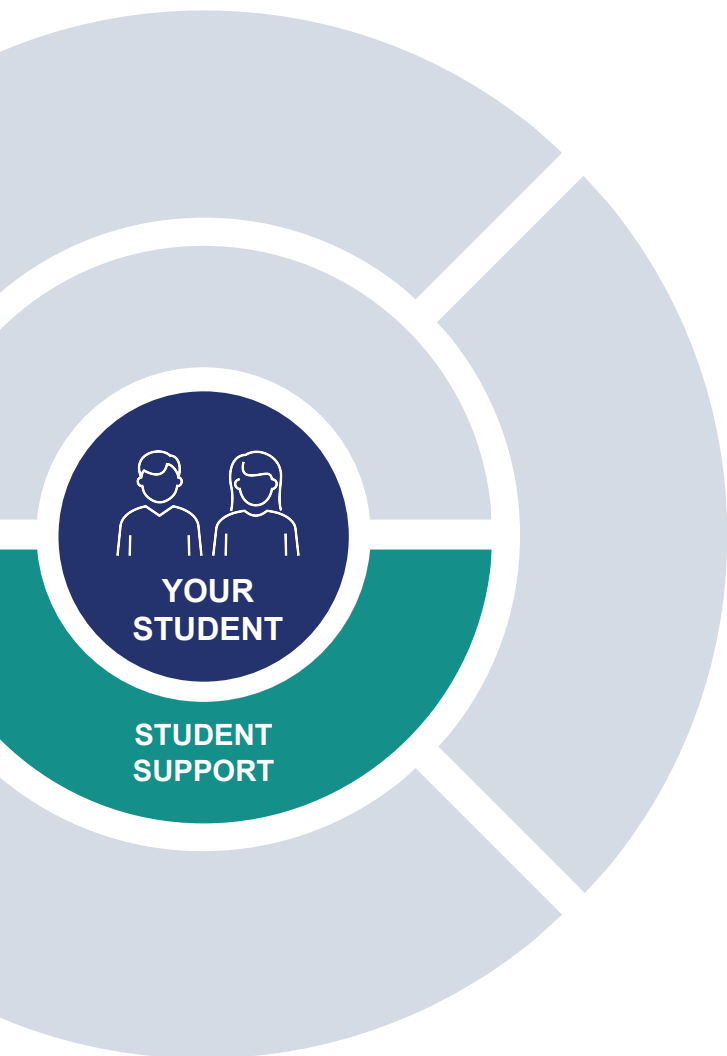


JONNA HIRSCH

School Psychologist

Office Phone:
952-401-5969

Get to know your counselor! *Virtual & In-Person Assistance | Appointments | Whole-Student Support*





to your school of opportunities

Planning for 9th Grade and Beyond

Welcome to Minnetonka High School! What makes MHS a “school of opportunities” is the depth and breadth of academic programs designed to help you explore your interests, pursue your passions and find your fit, all while developing important 21st Century skills. MHS has rich electives in the arts, computer science, skilled trades, world language and *much more*. By offering a rich curriculum across all departments and signature programs, MHS provides pathways to

International Baccalaureate (IB)

Hundreds of students take advantage of individual IB courses at MHS. For the full IB experience, students can enroll in the full IB Diploma Programme. Our Advanced Learning Coordinator in the Counseling office can provide more detail on AP and IB pathways.

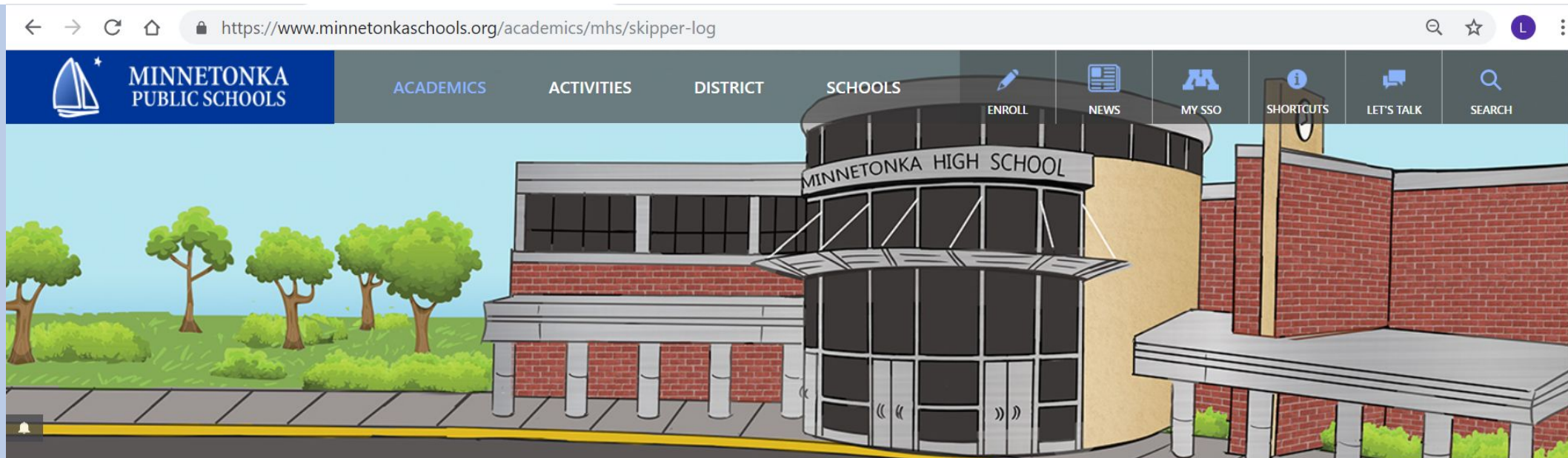
VANTAGE

VANTAGE is our advanced professional studies



Inside ▶

- ▶ [9th Grade Course Guide](#)
- ▶ [Course Planning Worksheet](#)
- ▶ [Looking Ahead: Grades 10-12 Course Requirements](#)
- ▶ [How to Get Involved in Activities and Athletics](#)



Minnetonka Public Schools / Academics / High School (9-12) / Skipper Log (Course Catalog)

Skipper Log (Course Catalog)

Serving students well and inspiring them to reach their highest levels of personal and academic achievement is the essence of our quest to be a world-class high school. Toward that end, all learning experiences, curriculum offerings, supplemental programs, enrichment opportunities, staffing models, facility designs and usage, and co-curricular activities will support student success and lifelong learning.

— Minnetonka School Board Vision

HOW TO USE THE SKIPPER LOG

SKIPPER LOG NAVIGATION

- [Skipper Log Home](#)
- [Counseling Office](#)
- [Graduation Requirements](#)
- [Registration Planning Worksheet](#)
- [Registration Guide and Info Sessions](#)

Registration is open from March 1-10, 2019



Minnnetonka Public Schools / Academics / High School (9-12) / Skipper Log (Course Catalog) / Art

Art

All visual art courses strive to nurture innovative thinking, creativity, problem solving and to improve skills in communication. Courses teach forms of artistic expression through the four disciplines of the visual arts:

- Art Production: Making art
- Art Criticism: Describing, analyzing, interpreting and evaluating art
- Art History: Understanding art in relationship to culture
- Aesthetics: Recognizing important features of visual arts and responding to them

Students taking visual art classes have an opportunity for production experiences with a variety of art media. For those wishing to concentrate in a particular art medium, level two and three classes are offered. Level two courses are more in depth and level three courses are designed for students wishing to develop a college portfolio and/or pursue a career in the visual arts. All art courses on this page earn credit toward completing the art credit graduation requirement.

- + [Printable Course List](#)
- + [Arts Credit \(graduation requirement\)](#)
- + [Art Course Fees](#)

SKIPPER LOG NAVIGATION

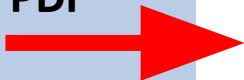
- [Skipper Log Home](#)
- [Counseling Office](#)
- [Graduation Requirements](#)
- [Registration Planning Worksheet](#)
- [Registration Guide and Info Sessions](#)

Registration is open from March 1-10, 2019

COURSE LIST

- [Advanced Placement](#)
- [Art](#)
- [Business](#)
- [Computer Science](#)
- [English](#)
- [English Language Learner Program](#)
- [Family & Consumer Sciences](#)
- [Health](#)

PDF



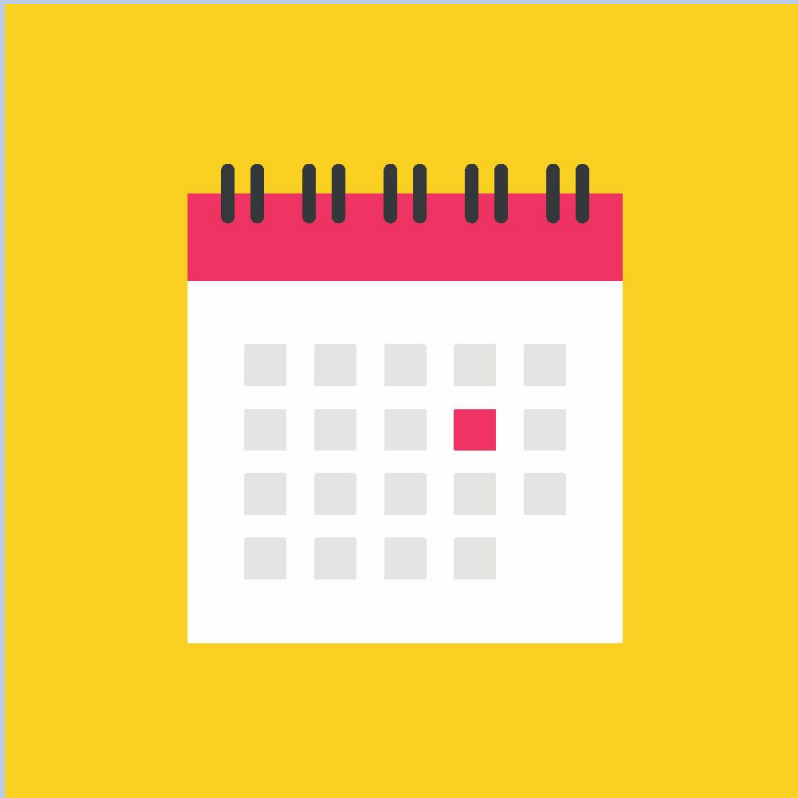


Experience Minnetonka

February 9
5:30-8:00pm



- Tour all the academic opportunities at MHS
- Department presentations
- Q & A sessions



**Registration through
SKYWARD**

February 21 - February 28

- 
- Incoming 9th grade visit day in late May
 - 9th Grade Retreat: Wednesday, August 30

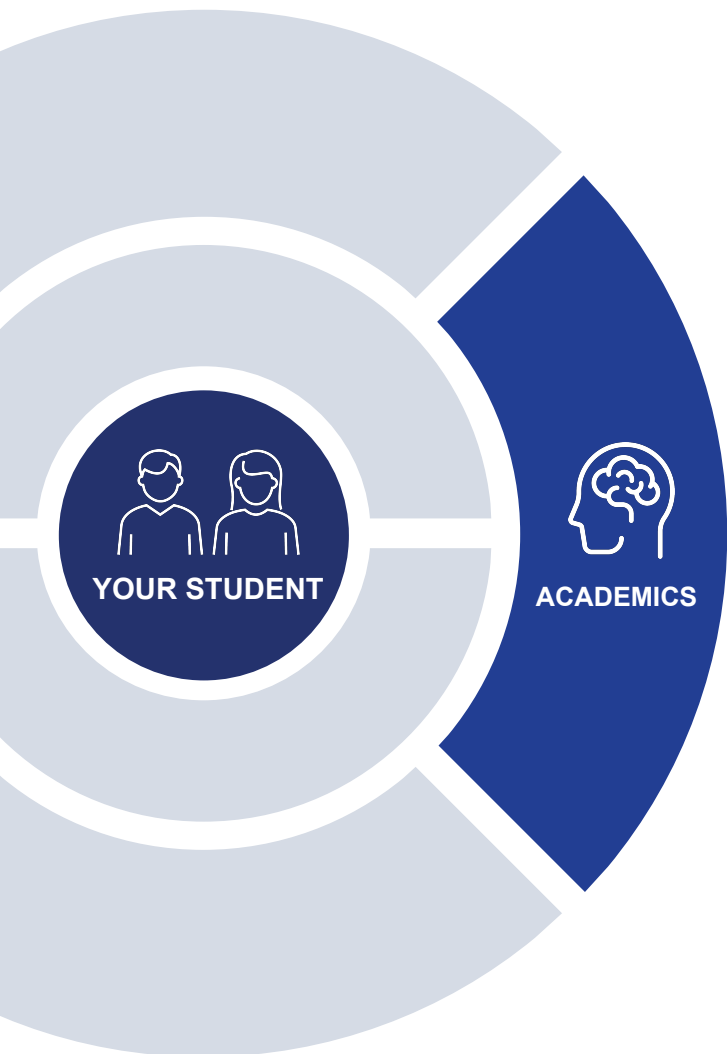


@tonkaHSprincipal



Graduation 2022





Grade 9 Planning Guide Video



English

- English 9
- English 9 Honors
- English 9 Honors Communication



Mathematics

- Follow course sequence
- Talk to your teacher for recommendations



Science

- Integrated Physical Science G
- Integrated Physical Science Honors
- AP Physics I - (grade 9)



Social Studies

- Human Geography and Civics
- Chinese/Spanish Immersion Human Geo & Civics
- AP Human Geography



World Language

- American Sign Language
- Immersion: Chinese/Spanish
- French/German/Spanish