

Utica Center for Mathematics, Science and Technology

Information Night
November 20, 2025

- **Program Overview**
- **Q & A and Classroom Visits**

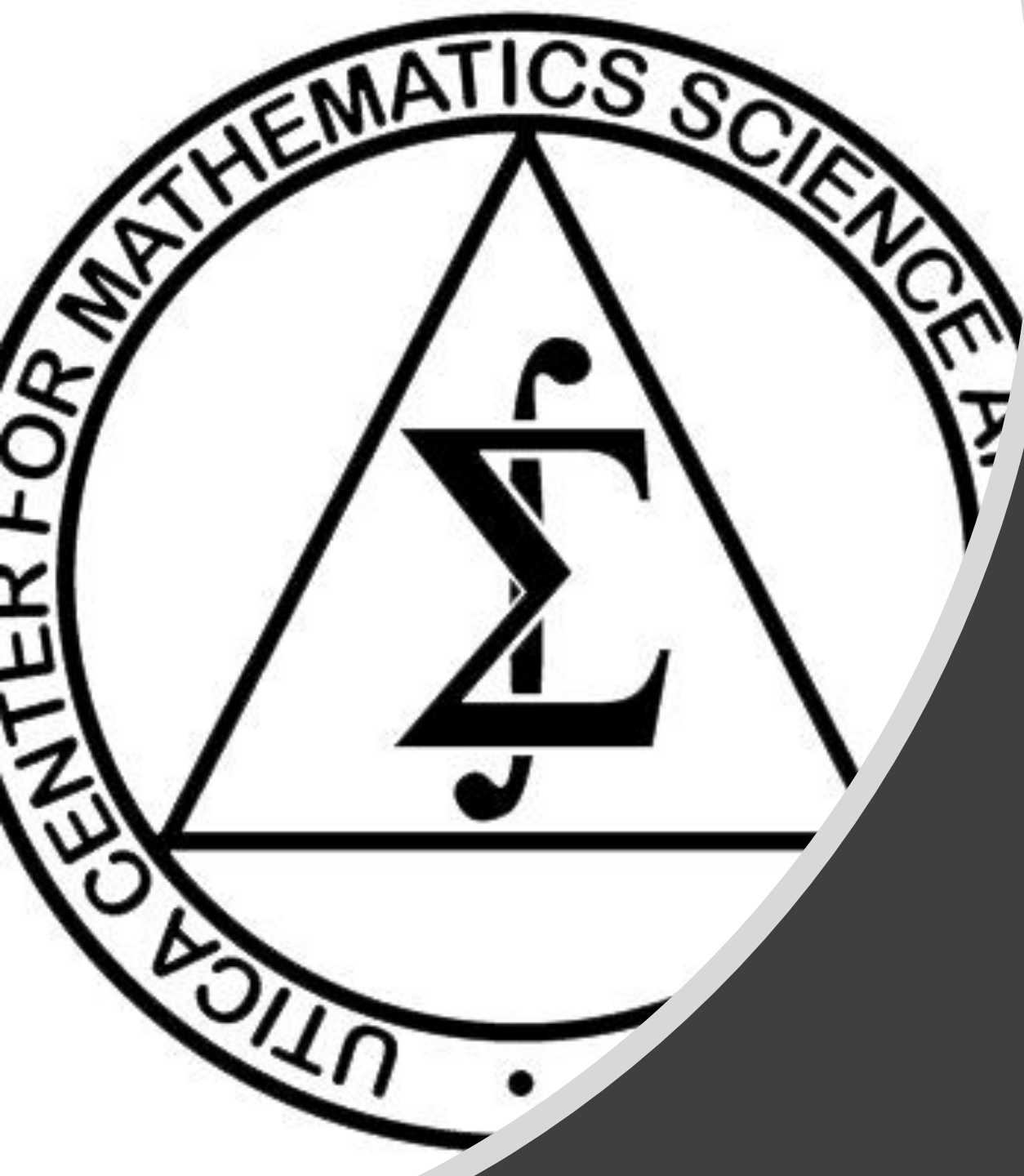


UCS Specialty Program Spotlight:
Utica Center for Mathematics, Science and Technology



LOGISTICS

- The Instructional Resource Center is located at 14201 Canal Rd
- 9th and 10th grade attend from 7:40 am-10:25 am
- 11th and 12th grade attend from 11:00 am- 1:38 pm
- UCS provides transportation to and from MST

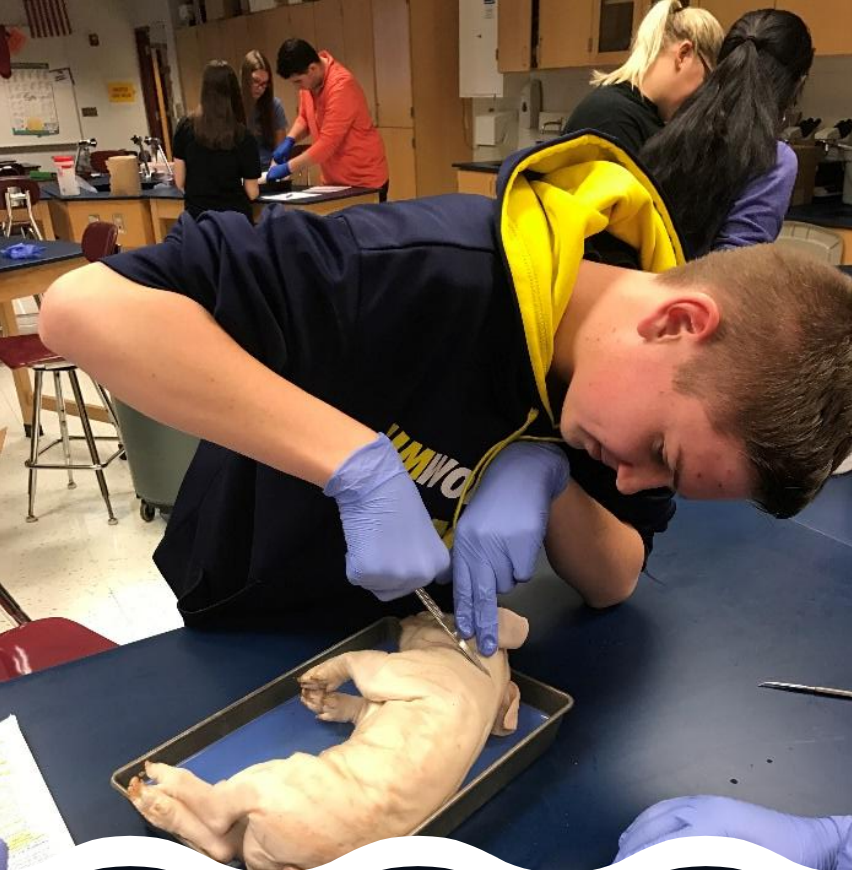


Are you the right fit for
MST?

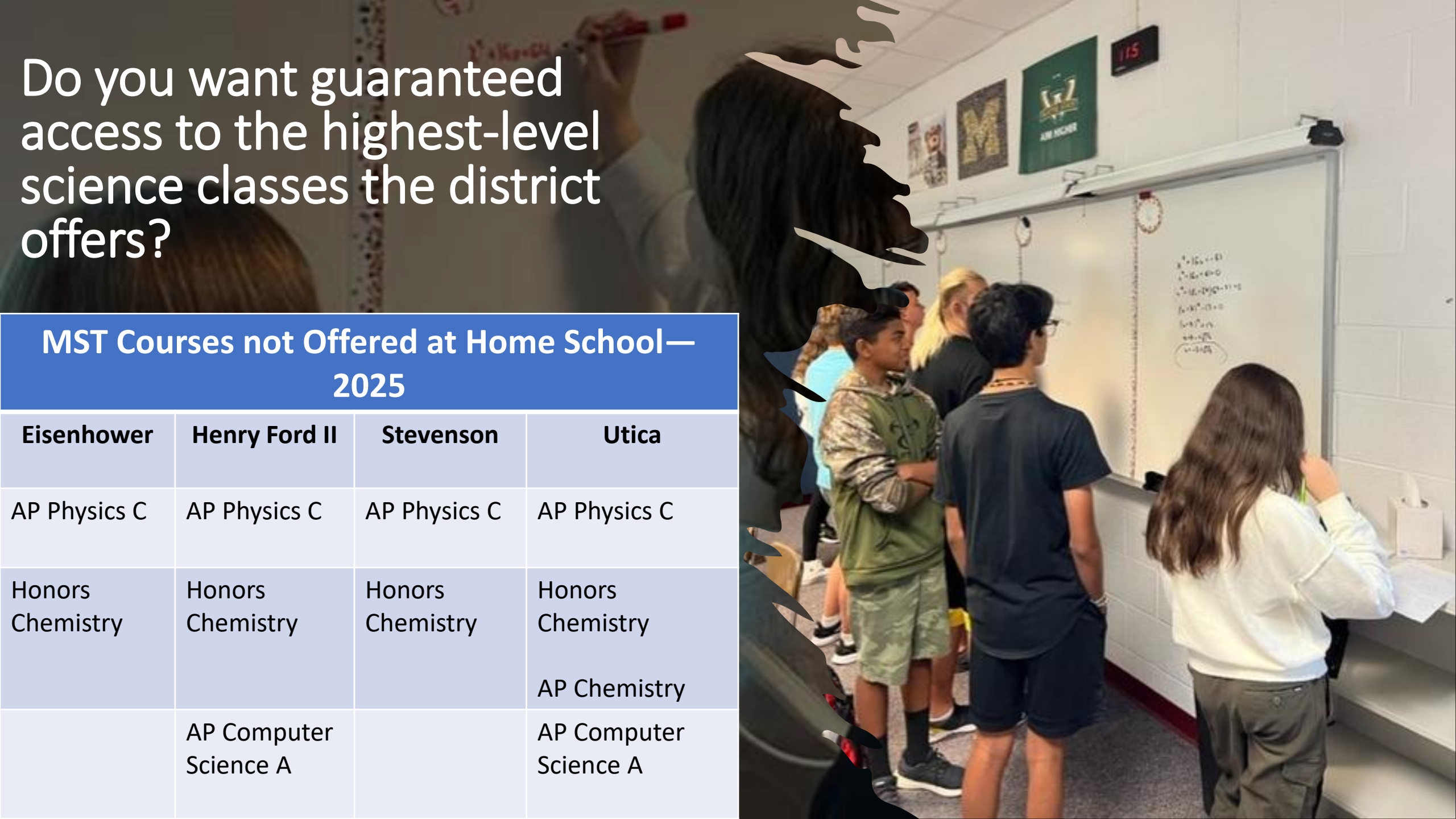
Is MST the right fit for
YOU?



Do you desire a **smaller, more individualized** math and science rich environment while still connected to everything your home school offers?



Do you like scientific investigations?



Do you want guaranteed access to the highest-level science classes the district offers?

MST Courses not Offered at Home School—
2025

Eisenhower	Henry Ford II	Stevenson	Utica
AP Physics C	AP Physics C	AP Physics C	AP Physics C
Honors Chemistry	Honors Chemistry	Honors Chemistry	Honors Chemistry
			AP Chemistry
	AP Computer Science A		AP Computer Science A

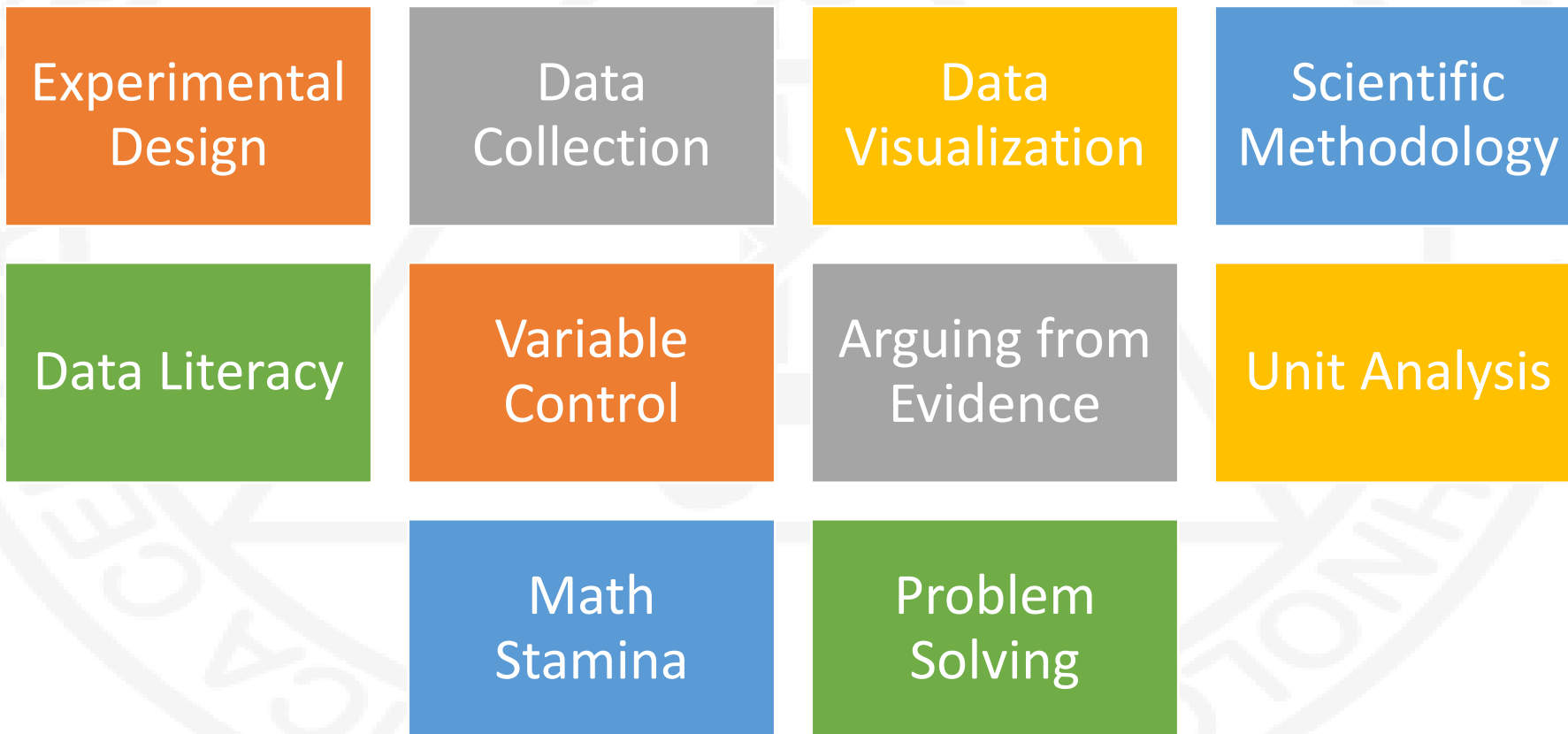
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Advanced Algebra II—S1 Discrete Math or Geometry—S2	AP Precalculus with Math Analysis	AP Statistics with Foundations of Calculus	AP Calculus AB or BC
AP Computer Science Principles	MST Advanced Chemistry	AP Chemistry	AP Physics C—Mechanics
MST Advanced Biology	MST Advanced Physics	AP Computer Science A AP Environmental Science AP Biology Microbiology/Genetics Robotics and Design (subject to change)	

Freshman Support



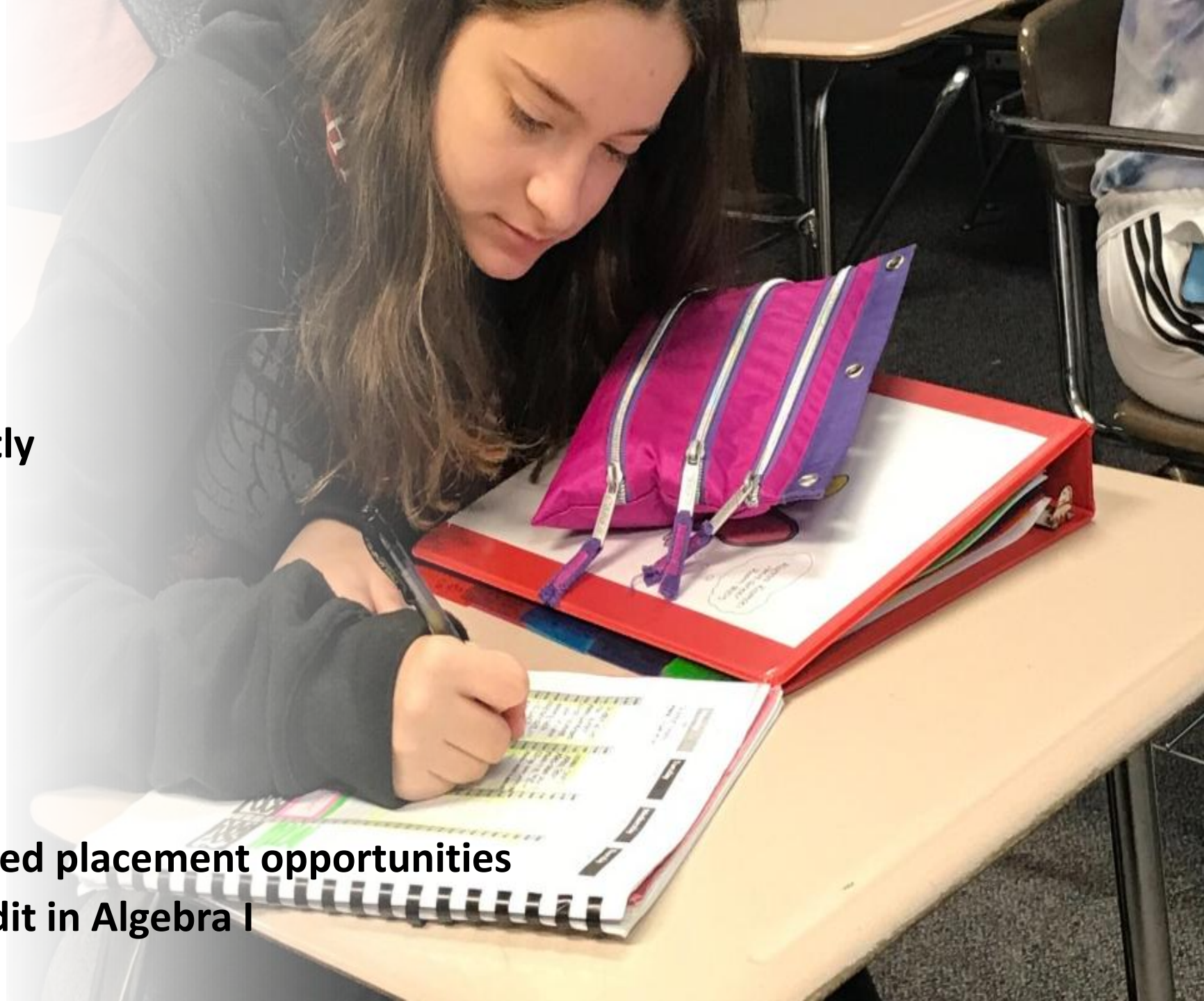
- Before school homework or content support
- Focus organization Emphasis on cultivating positive relationships with peers and developing the community atmosphere
- Counselor run classes on study skills, goal setting, wellness, time management.

Design of Experiments



Do these statements describe you?

- Good work ethic
- Puts forth effort consistently
- Has a growth mindset
- Passionate about learning
- Dedicated
- Motivated
- Inquisitive
- Enjoys a challenge
- Wants to maximize advanced placement opportunities
- Will have earned a full credit in Algebra I



- In class with like-minded students
- Flexible scheduling
- Unique & rigorous math, science and technology classes
- Close-knit community atmosphere

Why
Students
Choose
MST?



WAYS TO BE INVOLVED AT UCMST

- UCMST Student Council
- Environmental Club
- Robotics
 - ThunderChickens
 - Crevolution
- **Do you have a vision for a club? We love new ideas!**



MST Curriculum

Students will leave this program with:

6 credits in science

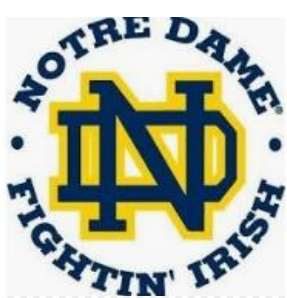
Minimum of 5 credits in math & computer programming

Participation in up to 8 Advanced Placement classes

STEM Endorsement on academic transcript

Talent x **Effort** = Skill

Skill x **Effort** = Achievement



Massachusetts
Institute of
Technology

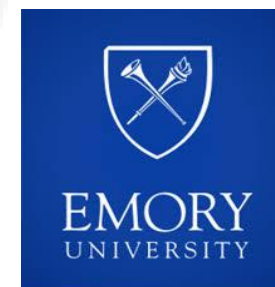


Northwestern
University



ARIZONA STATE UNIVERSITY

Carnegie
Mellon
University



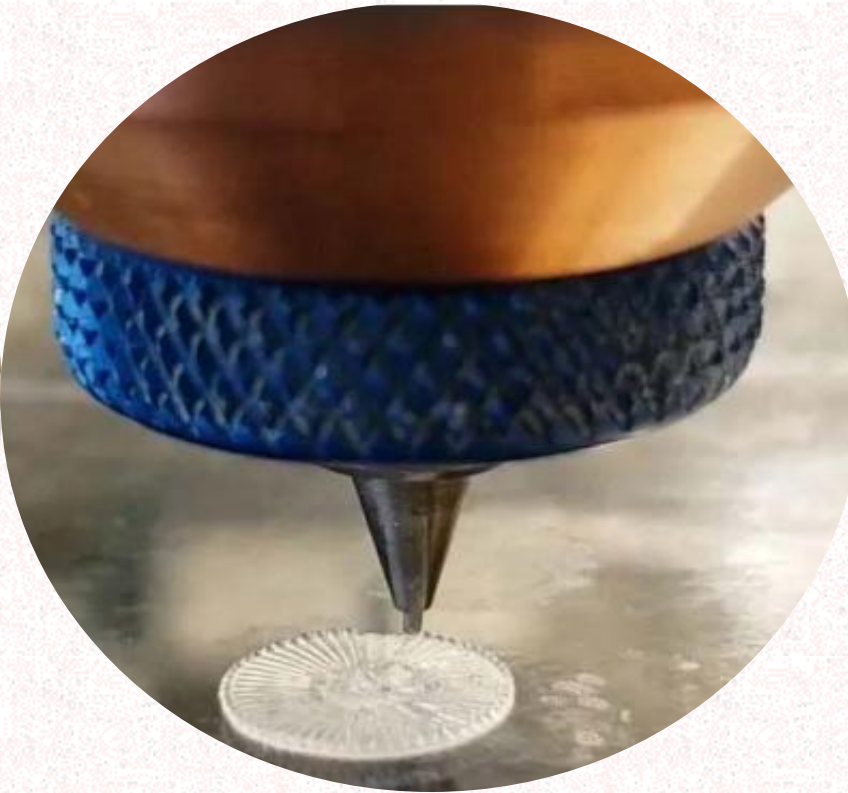
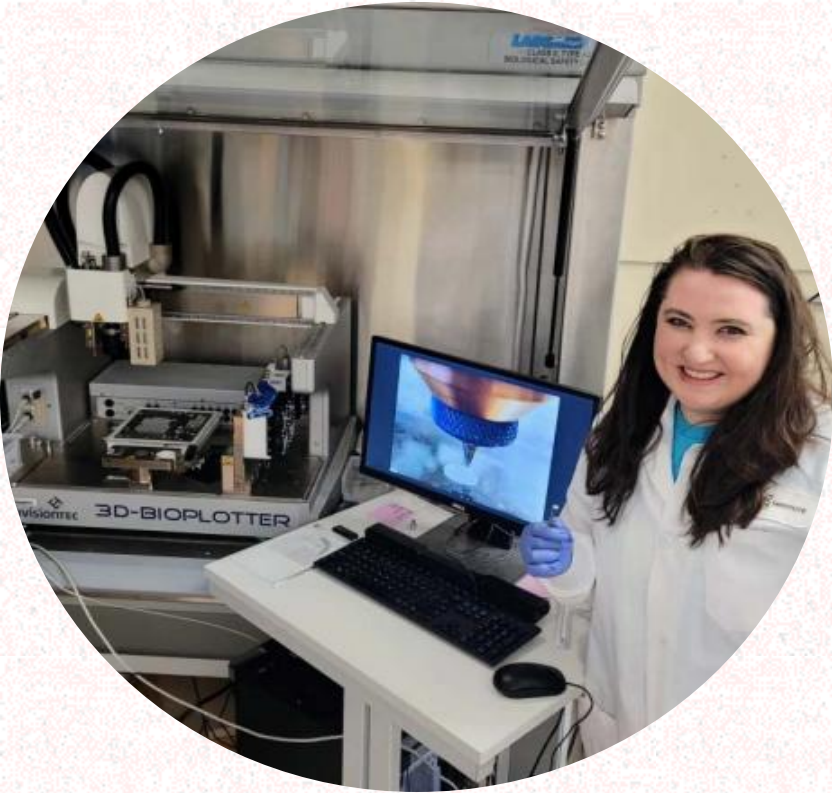
ILLINOIS TECH



SAT Composite Scores Class of 2025 (1600)	Utica Center for Math, Science and Technology Class of 2025	National Percentile Rank
Median Composite Score	1330 (1028)	88 th
Top 10% Mean Composite Score	1518	99 th
Top 25% Mean Composite Score	1467	97 th
Middle 50% Mean Composite Score	1417	95 th
Bottom 25% Mean Composite Score	1197	75 th
Bottom 10% Mean Composite Score	1158	68 th
Range	1570—1120	99 th —64 th

SAT Math Scores Class of 2025	Utica Center for Math, Science and Technology Class of 2025	National Percentile Rank
Mean Math Score	676 (508)	90 th
Top 10% Mean Math Score	787	99 th
Top 25% Mean Math Score	759	96 th
Middle 50% Mean Math Score	681	89 th
Bottom 25% Mean Math Score	617	80 th
Bottom 10% Mean Math Score	594	73 rd
Range	800—590	99 th —73 rd

Valedictorians	Grade Point Average	Composite SAT Score	Difference
MST Valedictorians	4.16	1372	+183
All other UCS Valedictorians	4.07	1189	+.09



Nicole Black—2010 MST Graduate

- Boston University 2014 Graduate
- PhD. From Harvard University 2020
- 2021 Forbes 30 under 30 for Engineering and Industry
- Creator of the PhonoGraft , a biodegradable 3D printed device, to repair eardrum perforations
- When approved will shorten current surgical procedure from 8 hours to 20 minutes

Christina Li—2016 MST Graduate

- College: Stanford University (2020)
- Major: Computer Science & Electrical Engineering with a minor in mechanical engineering
- Propulsion Engineer for SpaceX Raptor
- Named one of 2017 CNN Young Wonders
- 2018 22 under 22 Most Inspiring College Women for her work in bridging the gender gap in STEM fields by empowering and encouraging girls' interests in computer science



Christina Li

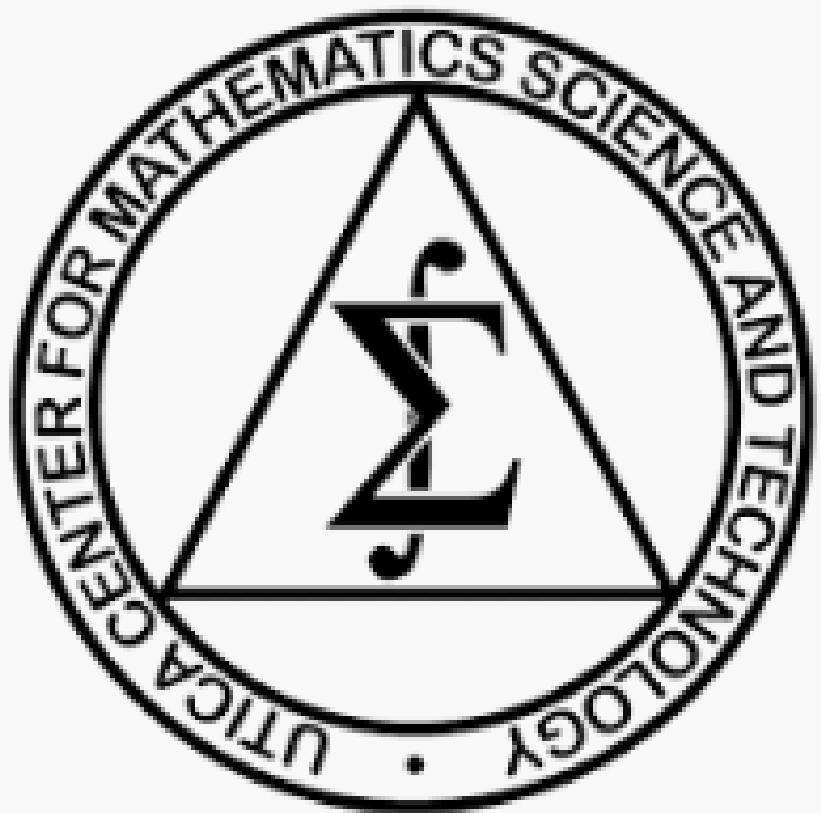
Selection Process

Candidates are qualified based on:

- Full year credit in Algebra I prior to the end of 8th grade
- Student performance on the NWEA for Math and Reading at College and Career Ready level

How Do I Apply to MST?

- Apply on-line at uticak12.org/academics/specialtyprograms
- Application is open from - Friday, December 5, 2025, at 4:00 pm through Friday, December 19, 2025, at 4:00 pm
- Apply to up to **two** UCS Specialty Programs (UCMST, UCSI, GLKUAIS, Stevenson MADE, UHHS)
- Carefully consider which program is your first choice
- Incomplete or late applications will not be accepted



ucmst



**Utica Center for Math,
Science and Technology**



**Sign up to shadow an MST
student**