

Governing for Greatness Series

The Secret to Student Success is in the Details



Mary Bradley | Kelli K. Booth



BOARD
NETWORK



A Community Designed to Elevate Your Boards

www.CharterInstitute.org/Board-Network



A Community Built for Boards

Enjoy the Advancement!



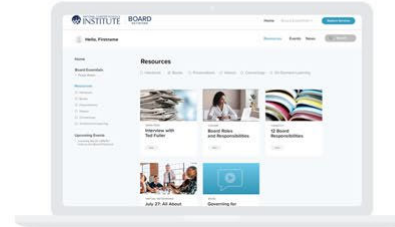
On-Demand Learning

Online trainings are released each month with timely board related topics that will earn you credentials.



Networking & Events

Connect with your peers and acquire best practices from across the nation with monthly virtual networking events.



Tools & Resources

Access a resource library comprised of a broad range of tools and information to advance your board.



BOARD
NETWORK





NUAMES

NORTHERN UTAH ACADEMY FOR
MATH, ENGINEERING & SCIENCE



The Northern Utah Academy for Math, Engineering & Science

- Lottery admission
- 1,166 NUAMES students
- Demographics:
 - 56% male
 - 46% female
 - 27% minority
 - 4% SPED
- Average class size is 23
- 4 year graduation rate: 100%
- 50% of NUAMES seniors earn their Associates degree one month prior to receiving their high school diploma
- 2 locations - NUAMES North (446 students) & NUAMES Davis (720 students)
- 90 Employees





NUAMES Mission

Our mission is to be the school of choice for those seeking a rigorous and Early College experience on a university campus.

NUAMES Pillars

1. Focus on STEM Education
2. Teaching Excellence
3. University Partnership
4. Small School Environment



NUAMES - District

2023 School Report Card



Exemplary

ACHIEVEMENT

English Language Arts	82.6%
Mathematics	70.7%
Science	73.9%

[View Details](#)



Exemplary

GROWTH

English Language Arts	84.7%	High
Mathematics	85.9%	High
Science	83.3%	High
Growth of Lowest 25%	87.5%	High

[View Details](#)

Utah:

ELA 45.9%
Math 30.8%
Science 35.2%

Participation Rate: 97.4%



NUAMES - District

2023 School Report Card



Utah

ACT 18+ - 62.9%

4-Year Graduation Rate - 88.2%

Readiness Coursework - 82.1%



Exemplary

POSTSECONDARY READINESS

ACT 18+	95.0%
4-Year Graduation Rate	100.0%
Readiness Coursework	100.0%

[View Details](#)

NUAMES Participation Rate: 97.4%



NUAMES Awards

#1 Safest School District in America (2021 & 2022)

#1 High School State of Utah



BEST OF STATE
Charter School



Platinum STEM School Designation



NICHE - #1 Magnet School in Utah
NICHE - #1 in teachers

“A”

School Grade
7 years in a row

USB E Award— “Consistent High Growth & Performance on State Assessments”



Highest scoring school in Utah 2019
Utah School Report Card

Top Performing School in Utah 2009-2023

Where it started



Where we are



*How can a board move
a school forward
in an uncertain world?*



***“We change our future
by changing the way we
relate to our present”***



Munchies
tel: 01642464333

Delivery

Due 11-Dec At ASAP 18:05
Order number. [REDACTED]

Restaurant notes

Knock quietly, I'm supposed to be on
a diet

1 x #6 Texas BBQ 9" Standard

1 x # Create your Waffle
Waffle
Double Chocolate Ice Cream
Chocolate Sauce

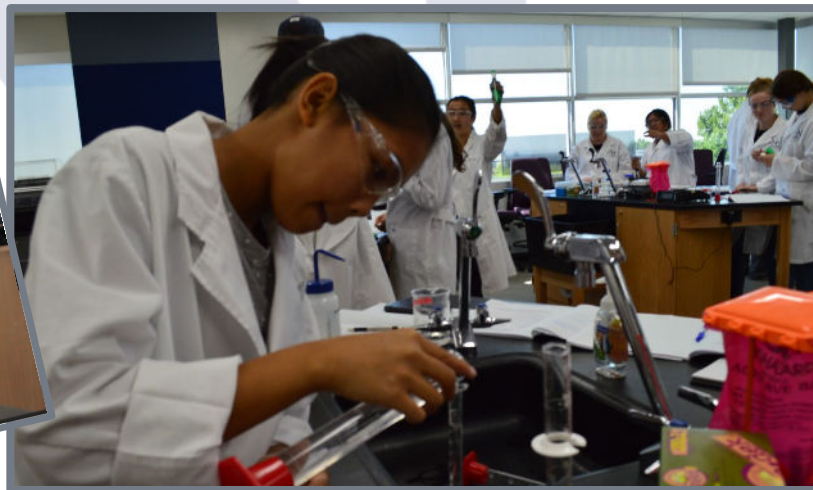
1 x #332 Dr Pepper - 330ml

Subtotal





Figure Out Who You are & What You are Good at





Large Districts



Charter Schools

The SPEED BOAT Adrenaline RUSH





Leverage Relationships to Build Partnerships

Ask yourself what can I bring to the table? What connections or skills am I willing to leverage to move the organization forward?



Dr. Bruce Davis

A large group of graduates in blue and yellow regalia are seated on a stage during a commencement ceremony. The graduates are arranged in many rows, filling the stage. In the foreground, several graduates are standing, some holding diplomas. A wooden podium is visible on the right side of the stage. The background is a dark stage with some lights visible.

**“ENVIRONMENT
IS THE
INVISIBLE HAND
THAT SHAPES
HUMAN BEHAVIOR”**

-JAMES CLEAR



Focus on 1-3 Goals

- Keep goals simple and realistic - **Cheat CODE: NUAMES has the same goals for all grants, plans & reports. Once we have met the goal the goal becomes imbedded culture, we adjust the sails and go after the next one.*
- TRACK THE DATA (& be honest about what that data says)
- ***Make decisions based on what is best for student learning, not what is convenient for those who work at the school***



Example: NUAMES Mathematics

Goal: Reduce the non-pass rate in **Sec 2** by 10% annually



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1. Lowered class sizes in **Sec 2**
2. Added a **Sec 2 Essentials** course - (math every day)
3. **D/F Blitz**
 - a. 2-5 min conversation w/ student how the school can support the student in being successful
 - b. Plan created if need - two week tracking of student performance
 - c. We care and we are here to help you find success



Goal: Reduce the non-pass rate in **Sec 2** by 10% annually

YEAR #2:

1. **Established a common language & repeat exposure opportunities**
 - a. Dove into the curriculum, analyzed each lesson & each test question
 - b. Created formula sheets for math, chem, physics & engineering
 - c. Common phrasing
2. In reading course we add - 100 most used words in math, science and engineering as part of the curriculum
3. Reevaluated - what did we get right? Where can we improve?



NUAMES Transformative Practices

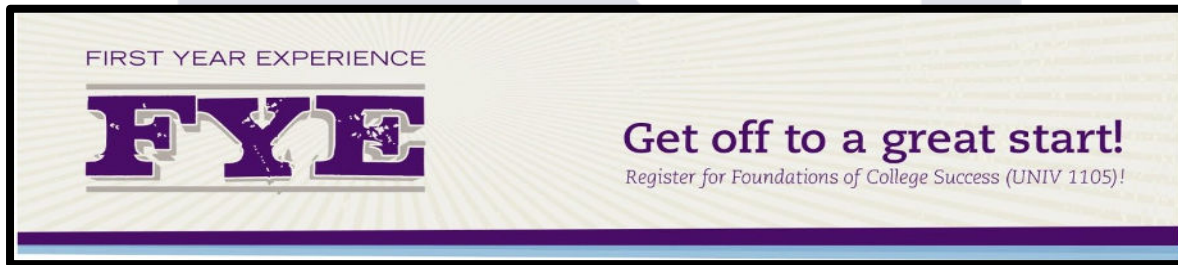
Mentorship/Capstone Program - Every student is assigned a mentor in 10th grade - stays with that cohort for 3 years - each student completes a capstone project.





NUAMES Transformative Practices

- First Year Experience Course - How to Do School, how to do life, how to be successful, how to be happy, etc.



- Executive Functioning Skill Development
- How to access services
- Self evaluation
- Interest inventory
- Personality inventory
- Social relationships
- Finding a healthy balance
- Test prep with ACT emphasis
- How to set yourself up for success in life



NUAMES Transformative Practices

- Math Boot Camp
 - 2 weeks/ m-th 2 hrs
 - Review necessary math concepts
 - reduce anxiety
- During Lunch/After School Tutoring - paid for by Trustlands/Community Council
- Higher Ed Partnership - meet often with WSU to align coursework & more importantly needed skills
- D.E.N - meet with local school district & other charter schools in the area quarterly



NUAMES Transformative Practices

Lunch with a Professional



Are interested in Aerospace Engineering or Aviation? Then this is the Seminar for you!

We are excited to have HAFB Pilots join us for lunch with a professional.



Capt Kirsten "Natty" Eissman



Capt Claire Latscha



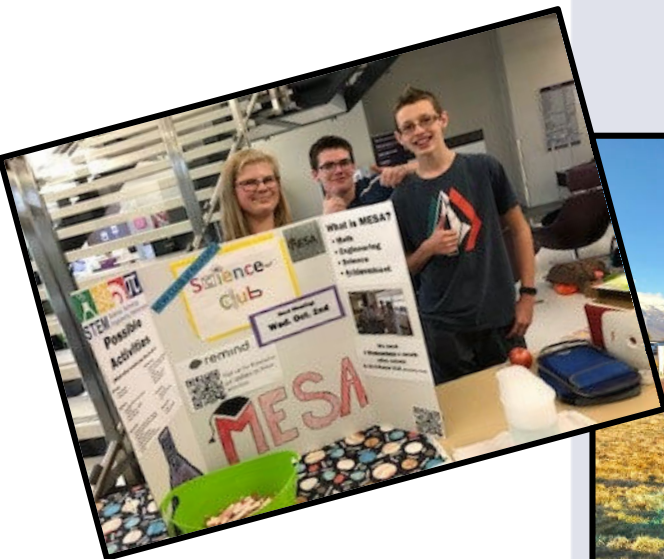
NUAMES Effective Practices

- **Low counselor to student ratio**
- **Small class size, small school size**
- We allow students to take 1 course away from NUAMES
- Provide bus passes for students
- **ACT Boot Camps**
- Parent Nights
- NUAMES teachers present to each other in PD



NUAMES Effective Practices

Clubs, extracurricular, dances, student gov't, etc. - **64% of students are involved in a school club**





Show up

- **Figure out who you are & what you are good at**
- **Be willing to leverage relationships to help create partnerships**
- **Align goals & focus on 1-3**



What NUAMES Graduates Say....

"I would have never wanted to become an engineer without attending NUAMES. NUAMES changed my life and set me up for a bright future"

"NUAMES has completely changed me to become a very strong person."

"You know you are in the right room, when a NUAMES graduate is in the room"

"The teachers have impacted my life in such a positive way – I truly am grateful for them and the support they provided to me during my educational experience at NUAMES"

"Being a student here at NUAMES was like being a part of a big family! The atmosphere was always filled with compassion and acceptance and this sense of, "You can do this!"

"The teachers, administration, counselors, and students always had my back! I had an incredible high school experience and I know everything that I learned here is going to benefit me for the rest of my life."

"The best part of my experience at NUAMES was being able to graduate with my Associate Degree while still in High School. This saved me so much money and time."

"NUAMES opened doors to many unique opportunities! My success would have been nearly impossible if not for the amazing support I got at NUAMES!"

Question?

Answer

Join Us for Our Next Board Webinars

Upcoming Topics in 2024!

February

Financial Planning

March

School Safety

April

Strategic Planning



A-GAME Upcoming Convenings 2024

Measure What Matters - Academics

Virtual Convening on Wednesday, February 14

[REGISTER](#)

[LEARN MORE](#)

Virtual Convening on Wednesday, April 3

[REGISTER](#)

[LEARN MORE](#)

In-Person Convening on May 2-3 in Chicago.

Sign up soon!

[REGISTER](#)



Not Yet an A-GAME member? The A-GAME community is free to join. You can access valuable resources and tools!

[Learn More!](#)

[Join Today!](#)



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