Connie White

Chemistry major, masters in science education -

Taught HS - Chemistry, Physics & Math for several years - loved finding ways to motivate and engage my students

Early adopter of technology and my first conference invitation was at the National Physics Conv in CA. on the use of data collection probes using the station approach.

This led to consulting with IBM to help teachers use technology to enhance instruction and student learning. More consulting and then I was recruited as the Technology Director at Lakeview Academy (one of the first 1:1 programs in the country)

Director of Technology & Learning - Lakeview Academy 2001

Director of Learnng & Innovation - Woodward

Connie White - to help schools and individuals constantly grow.

Consulting in student-centered approaches (constructivist) using technology.

Created training manuals for educational software, wrote lesson plans and trained teachers all over the country.

After 2007, started working with Educational Collaborators and have led dozens of school audits, worked to help schools develop strategic plans, offered pd, online classes for teachers, worked with schools in Doha, India, Germany, Taiwan, Turkey, Canada, Bermuda, Puerto rico, and more.

Economic downturn in 2008 - led to faculty meetings asking teachers to work on ourselves.

Launched Moodle LMS

In preparation for H1N1 to get teacher buyin

Prepared for Snowstorm in Jan 2011

Facebook post -> radio interview….

"Very cool, Lakeview turned snow days into school days from the privacy of our own home..in our pj's"

11ALIVE.com ATLANTAGEORGIA

Schools Must Make up Lost Class Time

Updated: 31 days ago

SHARE Comments Print Email Larger Smaller

Posted By - Jerry Carnes

Like 135 Tweet 8

Last Updated On: 1/14/2011 6:53:48 AM

ATLANTA -- As school systems in Metro Atlanta cancel classes for another day, some

"Ice-proof" learning happens at Lakeview

GAINESVILLE - Lakeview Academy is closed for the third consecutive day due to the winter storm, but the learning continues for its Middle and Upper School students.

For the very first time, Lakeview is implementing its "Remote School".

Originally designed in case the school closed due to an influenza outbreak, Lakeview is one of the few schools in the country to have a Remote School plan.

The plan allows teachers to continue instruction electronically.

While the plan has never been utilized, with the current situation of no school for a third day due to snow and ice, Dr. John Kennedy, Lakeview's Head of School, felt the timing was perfect to implement the plan.

"Since we are unable to meet face-to-face with Lakeview's diverse geographic population," Dr. Kennedy explains, "we have a plan for blended learning - classroom instruction complemented by online lessons and resources. One of the strengths of Lakeview Academy is using technology to augment the outstanding classroom teaching already in place."

Lakeview teachers and administrators had already developed wiki pages and other online access tools for their students to use in case school needed to be closed, tools that are accessible from the school's website.

Middle School and Upper School teachers will use email, wikis, blogs, Moodle or DyKnow to communicate with students.

Lower School teachers are also prepared to communicate with families via wikis, blogs or email if school is closed again tomorrow.

LAKEVIEW ACADEMY
796 Lakeview Drive N.E., Gainesville, GA 30501
Phone: 770.532.4383

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Students keep up with courses via 'remote school'

By Elizabeth Burlingame
eburlingame@gainesvilletimes.com
POSTED: January 12, 2011 8:00 p.m.

A Gainesville prepara
snow days could becc

Lakeview Academy tea
school" Wednesday, wh
classwork from home on

"We just came off a long h
had three great days of sc
ice has come and we can't
Berry said. "We don't want t
process, and this will allow u
where we were last week."

Lakeview student Thomas Par
checked the online assignment
the morning and found a history
assignment, so he wouldn't fall b
Advanced Placement course.

TOM REED/The Times
Lakeview Academy sophomore Thomas Paris participates in a blog class discussion of current events from his home Wednesday while school is closed because of the weather.
View Larger

The Weather Channel

Access NorthGa.com

npr

wsbradio.com

WOODWARD ACADEMY

USA TODAY

Snow days virtually eliminated with Web tools

By Mary Beth Marklein, USA TODAY

Updated 6d 8h ago | 59 | 11 Share

Reprints & Permissions

So much for snow days.

By Nam Y. Huh, AP

Despite winter storms that forced schools and colleges across the nation to cancel classes, tech-savvy educators are turning to Facebook, podcasts and other Web tools to keep students on track.

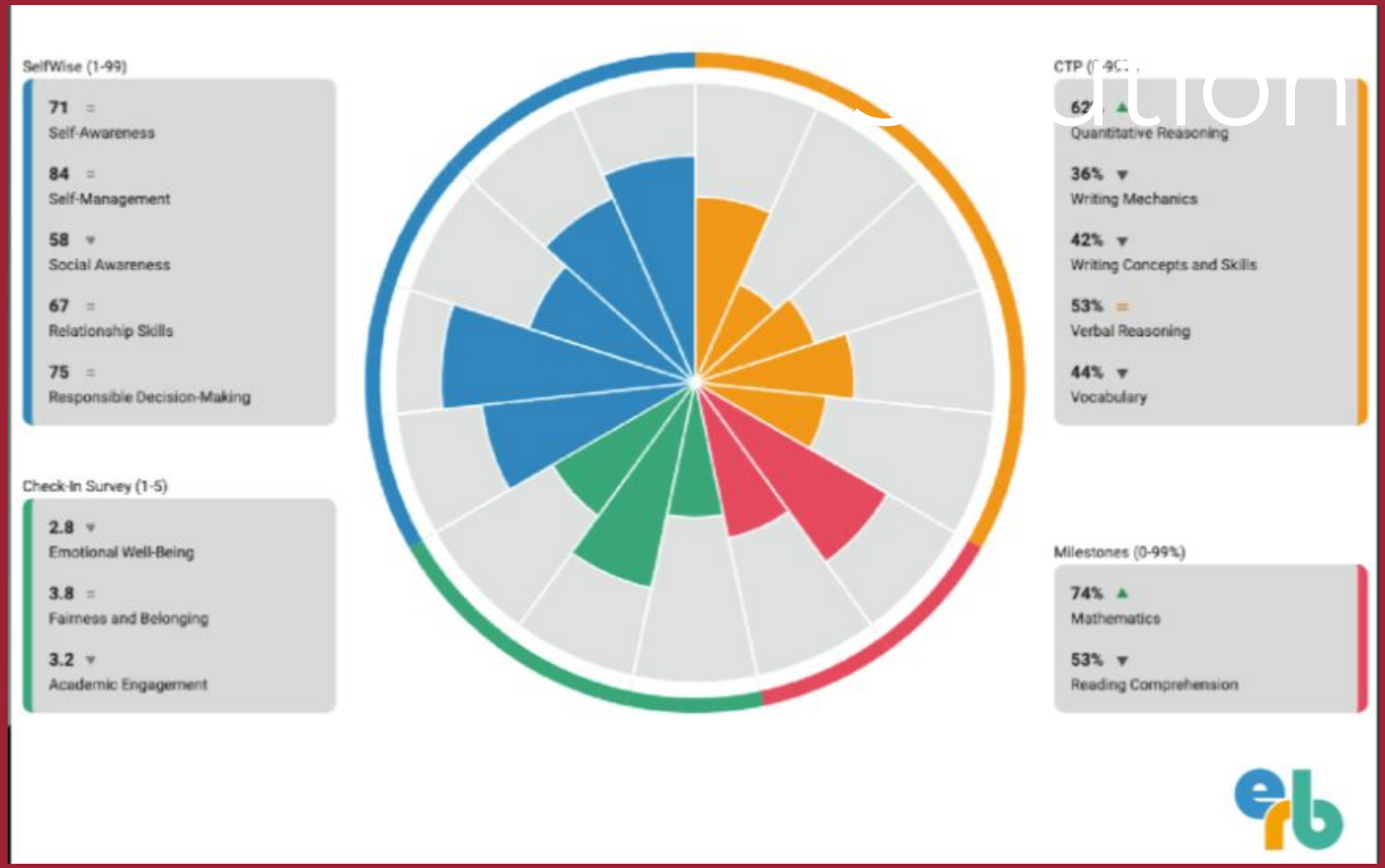
In Chicago's suburbs, Lake Forest College professor Holly Swyers uploaded videos of her anthropology lecture last week on YouTube and kept an e-mail line open while Chicago absorbed 20 inches of snow and its public schools had their first snow day since 1999. University of New Hampshire

The Web reaches stu

Lakeview Academy in Gainesville, Ga., last year developed a Web-based contingency plan in case the flu epidemic hit. It didn't, but officials deployed the plan last month when snow forced Atlanta-area schools to close for five straight days.

WARD ACADEMY

Data AnalysisERB Whole Child



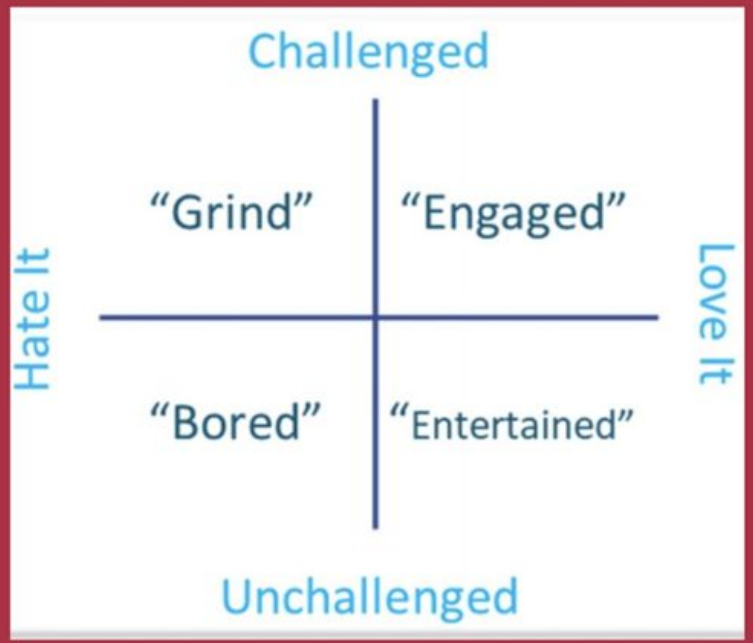
- Emotional Well-Being, Fairness and Belonging, and Academic Engagement

Holistic snapshot of student strengths and areas for improvement

- Mathematics
- Reading Comprehension
- Quantitative Reasoning
- Writing Mechanics
- Writing Concepts & Skills
- Verbal Reasoning
- Vocabulary
- Self Awareness
- Self-Management
- Social Awareness
- Relationships Skills

Engagement By Design Strategies

Students who are both challenged and love the classroom experience are engaged students; engaged students are students who are doing their best learning. Research confirms that effective classrooms must be led by teachers who deeply know their craft and understand the essential nature of the interactions between student, teacher, and content.



Wellington Engagement Index

Practical Growth Strategies

- Engagement Essentials
- Shifting from "Entertained" to "Engaged"
- Shifting from "Bored" or "Grind" to "Engaged"
- Building Teacher-Student Relationships & Increasing Teacher Clarity

Faculty HotSpot (Instructional Resources)

Welcome to Woodward Academy's "Faculty Hotspot". Ongoing faculty growth is essential as we seek to create exceptional academic opportunities.

Student Assessment | Building Relationships | Curriculum | Tools & Resources

Please review the additional resources for many of our school-wide initiatives

DEIB Resources

Woodward Library Resources

Learning Differences ADHD

New Faculty

WA Projects/ Performance Tasks

Using ERB Results

Increasing Student Engagement & Wellington Engagement Index

Teacher Recertification

Portrait of a Learner

Teaching Online

ChatGPT and Artificial Intelligence

SEE Learning

Woodward's Summit for Transformative Learning (STLinATL)!

March 11&12, 2024

450 Attendees!

Additional Highlights:

- Two Woodward Alums are speaking: Scott Sanchez & and Monica Parker
- Largest number of external attendees
- Focus on Assessment, Pedagogy/ Brain Science & SEL/DEIB

Preparing Students with Essential Future Ready Skills

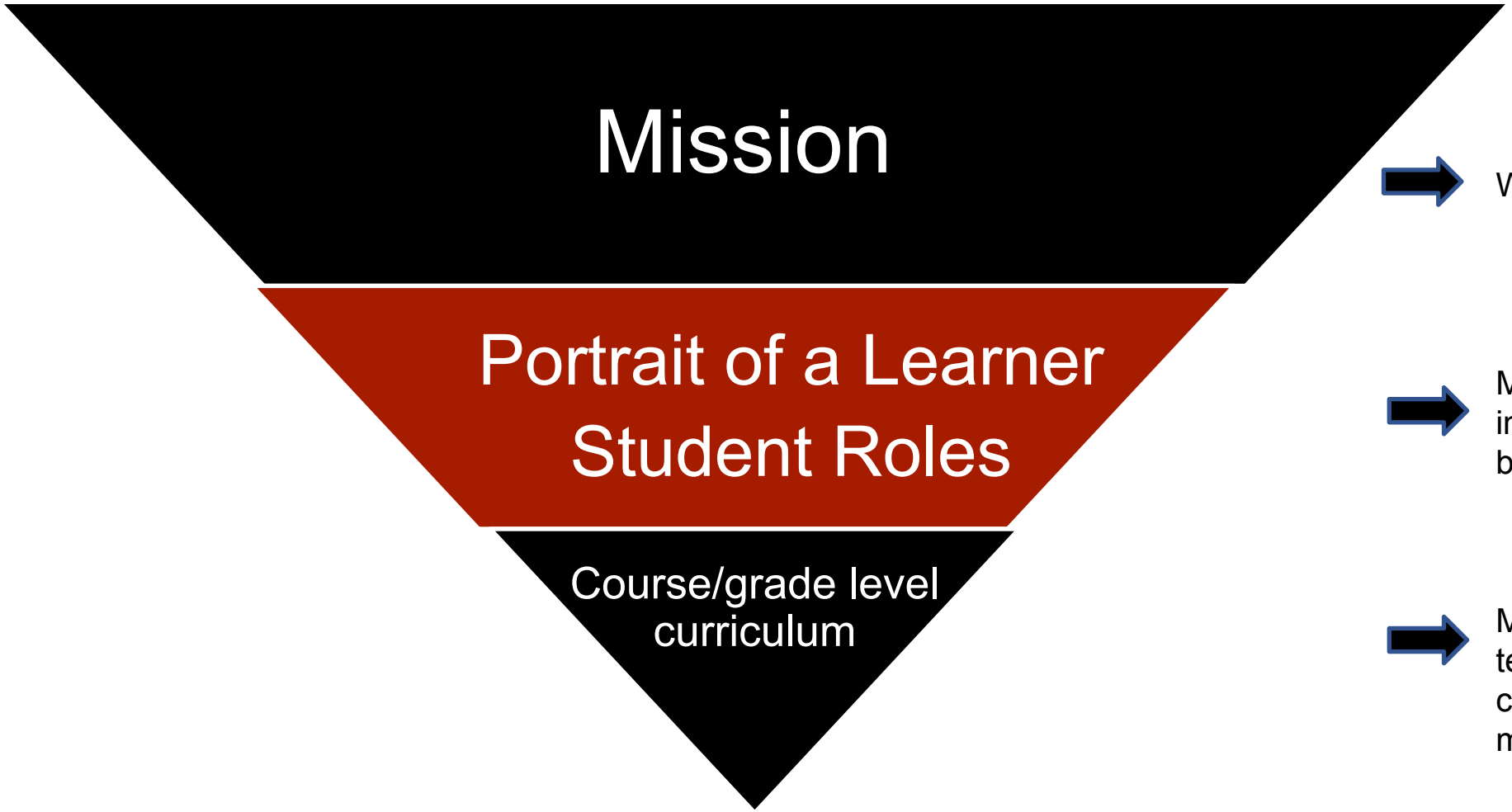
Massive gap between the skills students have and the ones they need for the future…

What is Woodward Academy's Portrait of a Learner?

A Portrait of a Learner represents Woodward Academy vision for the development of the Social Emotional Competencies, character traits and/or 21st century skills that our students will need to succeed in college, career and life.

It is one of the most powerful things that we can do to launch Woodward on its journey to redefine student success.

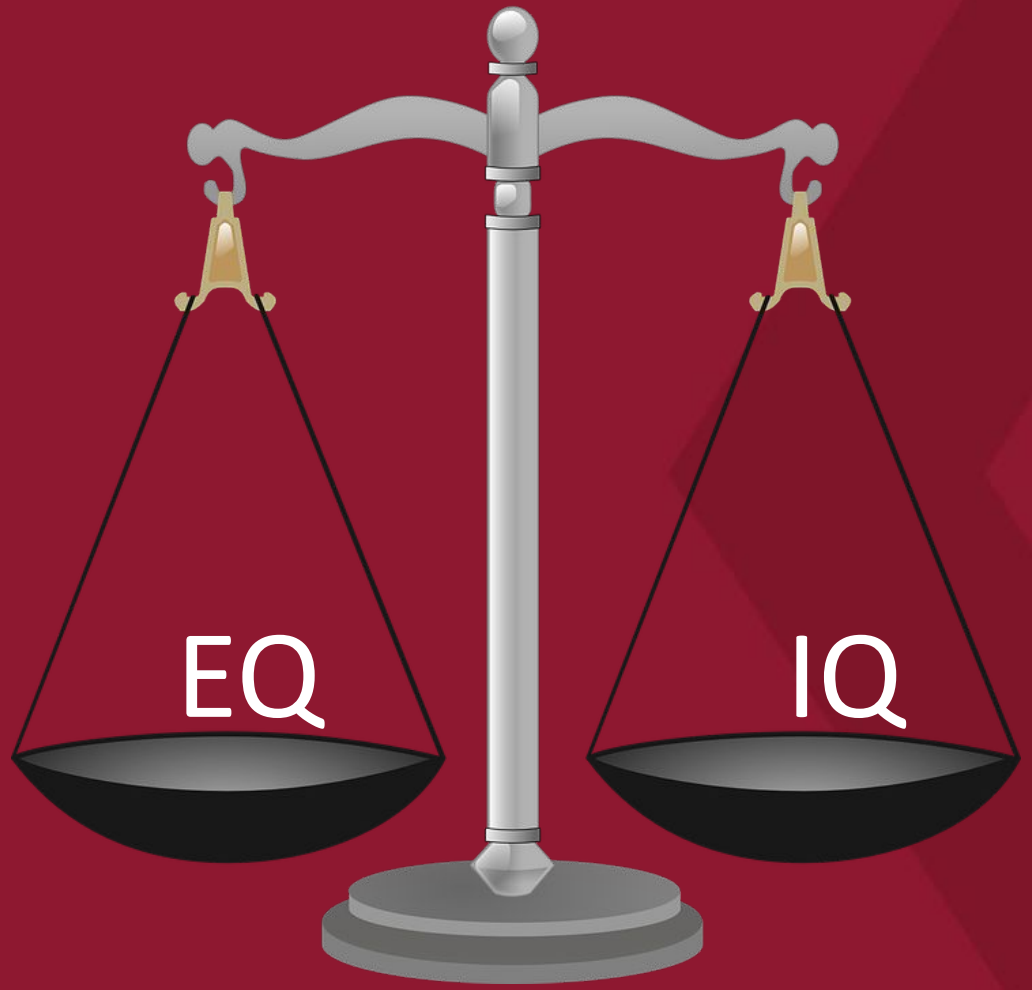
Students at the Center



- What we are building for
- Macro Curriculum - The innovative thinking beneath the surface
- Micro Curriculum - The teacher designed curriculum aligned to the macro curriculum

Balancing EQ (Emotional Quotient) & IQ (Intelligence Quotient)

- Self-Awareness
- Self-Regulation
- Motivation
- Empathy
- Social Skills



- Verbal Comprehension
- Logical Reasoning
- Working Memory
- Processing Speed
- Perceptual Reasoning

Balancing EQ (Emotional Quotient) & IQ (Intelligence Quotient)

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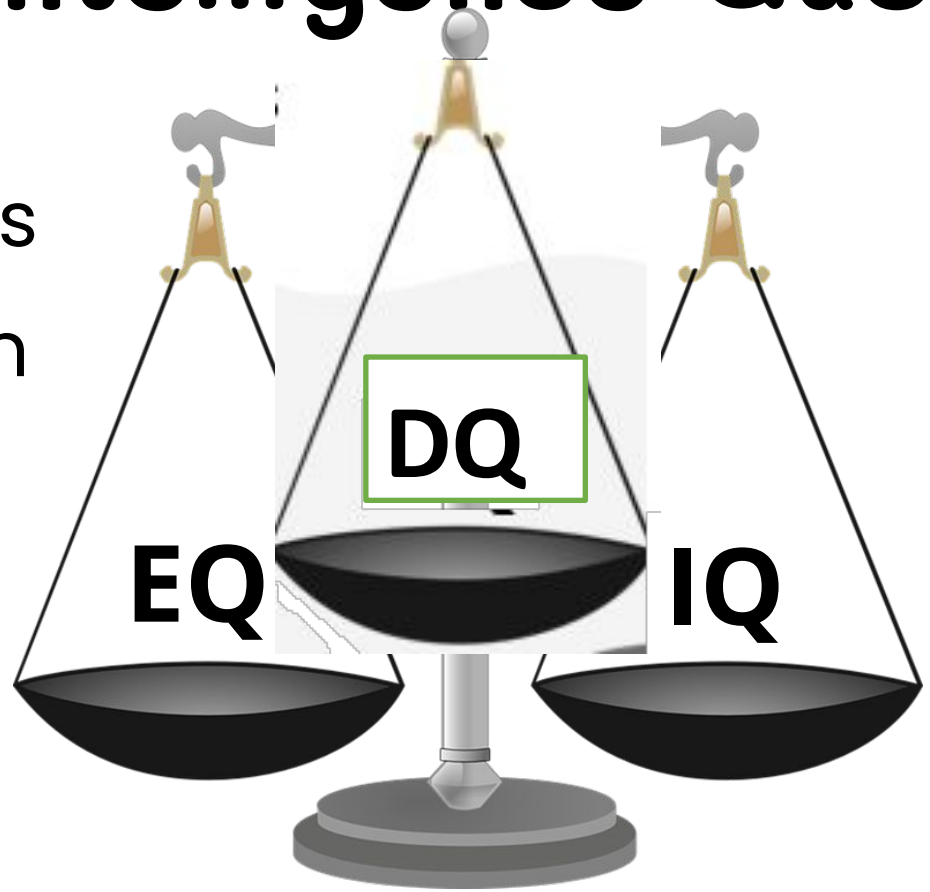


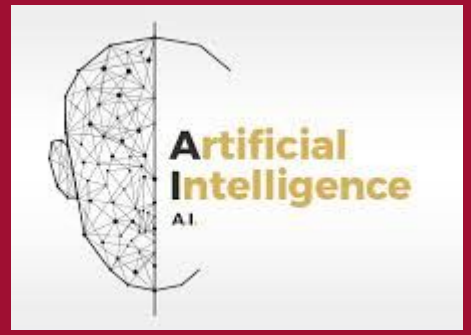
- Verbal Comprehension
- Logical Reasoning
- Working Memory
- Processing Speed
- Perceptual Reasoning

Portrait of a Woodward Learner

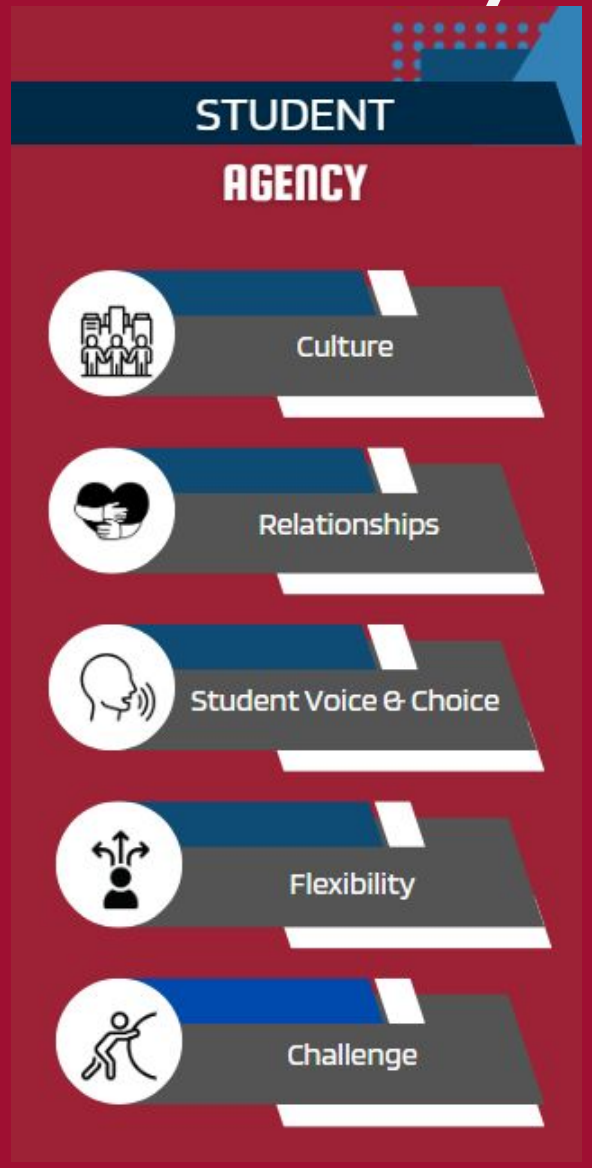
Self	Interpersonal	Systems
Empowered Learner	Curious Perspective Taker	Compassionate Global Citizen
Resilient Community Member	Courageous Communicator & Empathetic Listener	Ethical Advocate
Creative Problem Solver	Ethical Decision Maker	Discerning Innovator

Curriculum - Constantly Evolving

Engaged Community	Student/ Teacher Relationships	Social & Emotional Well-being	Real-world Application



SEE LEARNING
Educating the Heart & Mind



Be flexible and respond to student's needs. Be open for changes in curriculum and teaching methods to cater to student's needs and interests.

Using Manage XR/Optima Enterprise Platform – OptimaEd library of locations and the IFX library.

Create VR Training – Example Topics

- Ethics of Realism in Virtual Reality
- AI Created Art
- AI in the Court of Law
- Biased AI

Optima Independent

- Olympics in Paris
- Divided into countries
- Developed a plan to speak
- Authentic conversations during competitions

☐ Athletes color PADLET	☐ Clarification d'un aspect d ☐ Moment ou tu te parles po ☐ Échange avec ton adversa
• Spectateurs color	• Un cheer qui représente t • Observation de comment • Échange avec un autre fa

FRANCE	SENEGAL	GUYANE	BURKINA FASO
Clary	Betsy	Jerome	Tommy
Christopher	Chloe	Carter	Nour
Gavin	Alizah	Zaara	Ella

Learning Targets - Higher Levels of Thinking

Ethical Dilemmas in Science & Technology

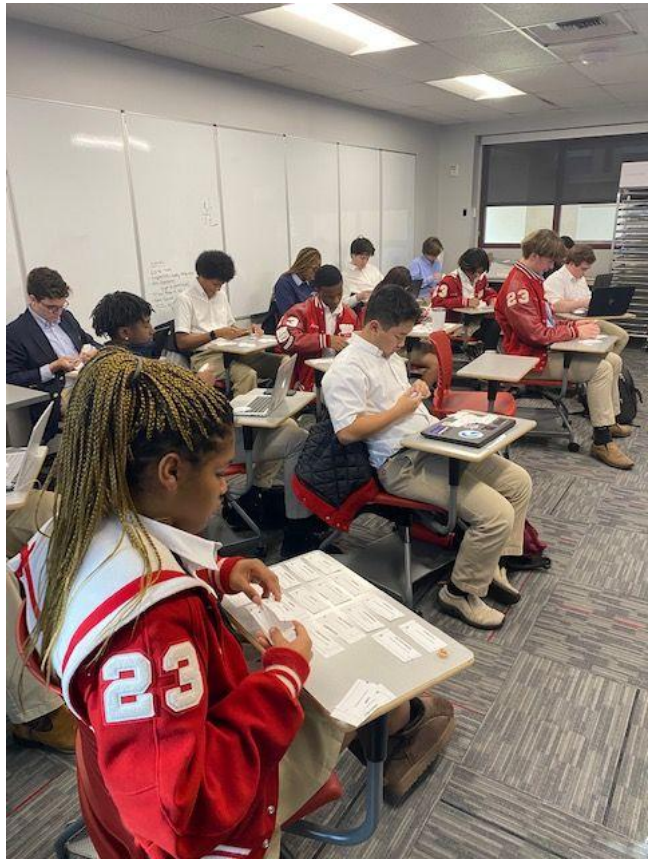
Example Learning Target: *I can develop and use critical thinking skills to analyze information and situations to respond and act ethically concerning scientific research, practice, and technology.*

Assessment(s):

- Students will present a 2-3 minute persuasive speech about a topic in bioethics as part of a Senate Hearing (examples: clone living organisms, restore extinct species or edit our DNA)
- Students participate in a bioethical mock trial - Should the US government approve and fund the release of genetically modified Aedes aegypti mosquitoes to suppress the mosquito population? (Students will be assigned a role)
  - Ex. Director of CDC, Secretary of Commerce, Governor of Florida, Ecologist, Secretary of the Interior, CEO of Biotechnology Company, Bioethics Professor, etc.

6 PM

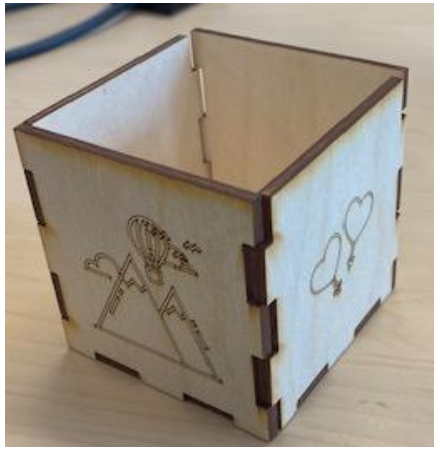
Providing choice in assignments and projects: Based on student interests and passions.



Card Sort

What are values, morals and ethics in a multicultural context?

Company Code of Ethics



Be flexible and respond to student's needs. Be open for changes in curriculum and teaching methods to cater to student's needs and interests.

After studying the ethical dilemmas of self-driving cars, my class is building two electric cars. They are programming Arduino Sensors and Raspberry Pi's to create a car for a blind person.

Infento Kits
https://bit.ly/Infento23

Implementing student-led discussions and presentations: Allow students to lead class discussions and presentations, giving them the opportunity to share their knowledge and insights with their peers.

Selected By Virtual Peter

The food systems that will feed Mars could transform food on Earth

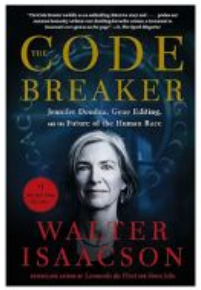
Space launches are quite expensive. And with the growing desire t establish a human presence in space, we are going to have to consider food production in space. But the challenges are vast,

Selected By Virtual Peter

This Startup Is Using AI to Unearth New Smells

"One thing we want to do in olfactory science is understand how it is that humans perceive odors," says Krishnan Padmanabhan, an olfactory neuroscientist at the Univ Medicine who isn't involved in Osm points to a way to do that. "It's rea accomplish."

Flint



Jennifer Doudna Interview

Settings | Submissions | Analytics

Chat Assignment

Have your students engage in a conversation with an AI to assess and deepen their understanding on a topic of your choice.

Learning Objectives

Students will engage in a conversation with an AI to assess and deepen their understanding of the role of Jennifer Doudna, a biochemist at Berkeley, and the discovery and development of the gene-edited technology known as CRISPR.
Developing critical thinking and ethical reasoning skills empowers students to make well-informed and ethical decisions.

Preview

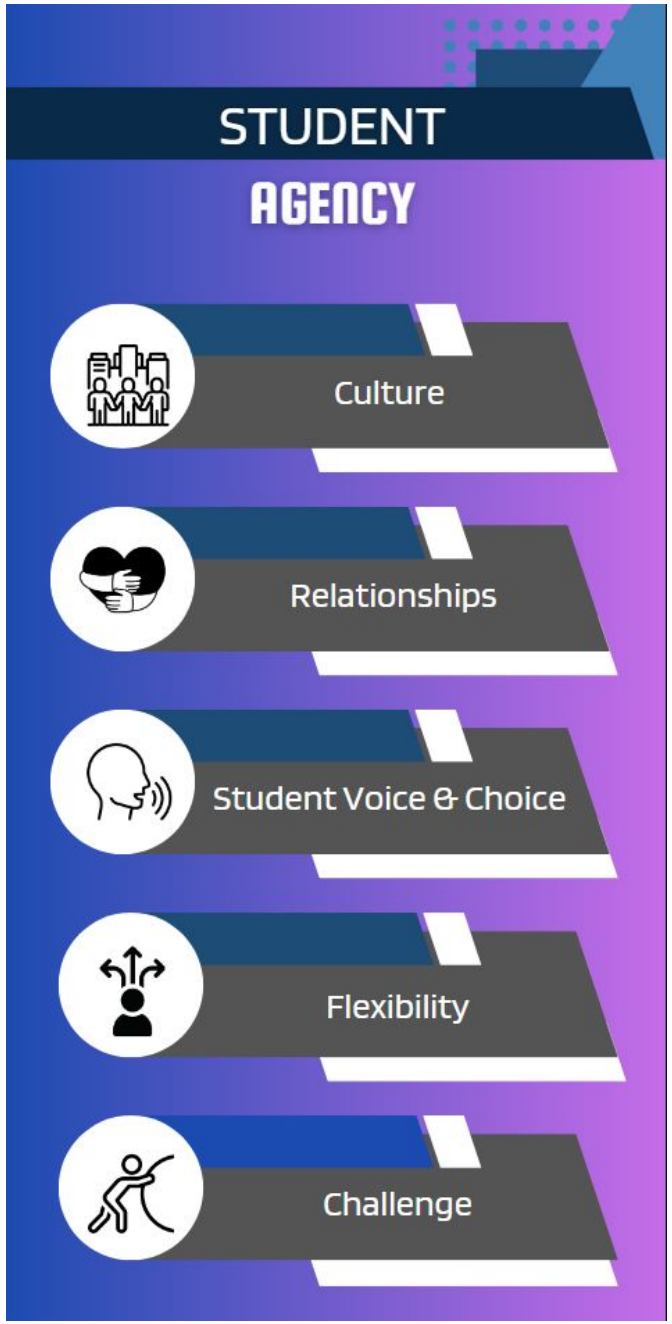
A B C D F MANUAL

Submit

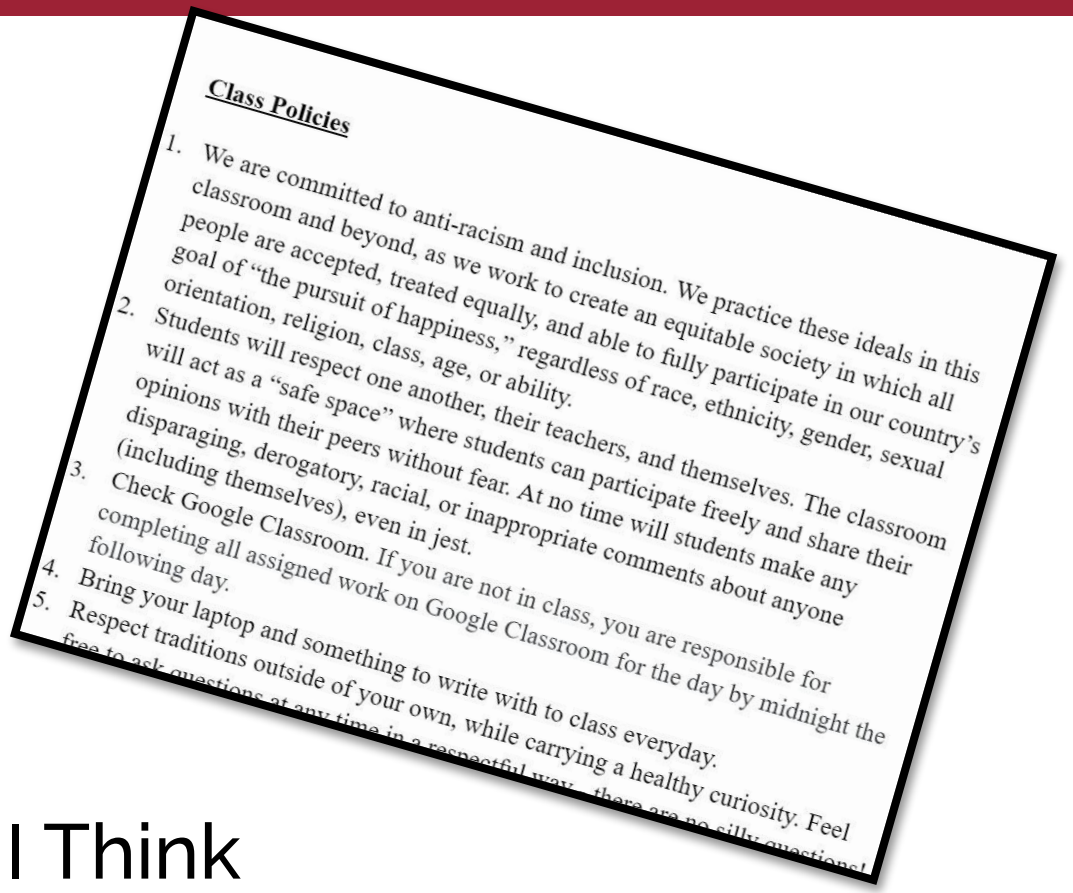
Hello, I am Jennifer Doudna, a biochemist known for my work on CRISPR gene-editing technology. I am here to answer your questions. What would you like to know?

Type a message here.

Developing Student Agency in the Classroom



Creating a Positive and Supportive Classroom Culture: Culture of Respect, Trust and Collaboration


Class Policies

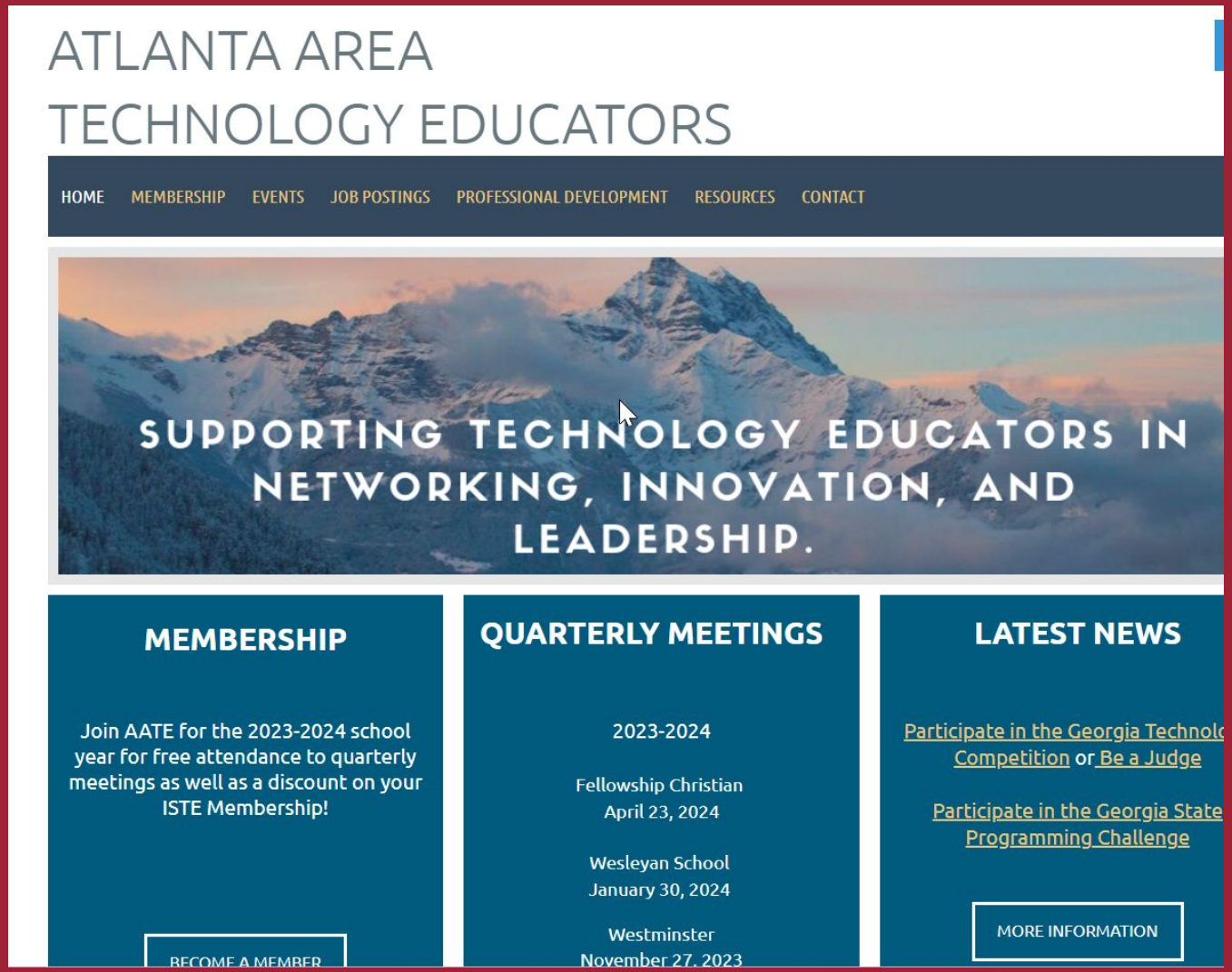
1. We are committed to anti-racism and inclusion. We practice these ideals in this classroom and beyond, as we work to create an equitable society in which all people are accepted, treated equally, and able to fully participate in our country's goal of "the pursuit of happiness," regardless of race, ethnicity, gender, sexual orientation, religion, class, age, or ability.
2. Students will respect one another, their teachers, and themselves. The classroom will act as a "safe space" where students can participate freely and share their opinions with their peers without fear. At no time will students make any disparaging, derogatory, racial, or inappropriate comments about anyone (including themselves), even in jest.
3. Check Google Classroom. If you are not in class, you are responsible for completing all assigned work on Google Classroom for the day by midnight the following day.
4. Bring your laptop and something to write with to class everyday.
5. Respect traditions outside of your own, while carrying a healthy curiosity. Feel free to ask questions at any time in a respectful way, there are no silly questions!

Collaborative Conversation Protocols

- NSRF – Quotes Introduction Activity
- Visible Thinking – I Used to Think…Now I Think
- Liberating Structures – Celebrity Interview

Schoolwide AI Committee

One of our initiatives includes a pilot of Flint, an AI tool built for schools. Flint provides a “walled garden,” so student data is not shared to used to train AI models.

Flint

AATE ISTE Affiliate