

AI Initiative

In Nyack Public Schools



Presented to the Board of Education
by the District AI Committee
03-25-25





District AI Committee Members:

- **Darleen Nicolosi** - Director of Technology & Innovation
- **Dr. Kathy Affigne** - Interim Assistant Superintendent for Curriculum & Instruction
- **Steve Nardi** - K-12 Instructional Technology Liaison
- **Deirdre Kenna** - Art Department Chair
- **John Joyce** - English Department Chair
- **Mary Berat** - Social Studies Department Chair
- **Katherine Jacobson** - Science Teacher
- **Dr. Francisca White** - STREAM Teacher
- **Michael Burruano** - Social Studies Teacher
- **Carrie Mallie** - English Teacher

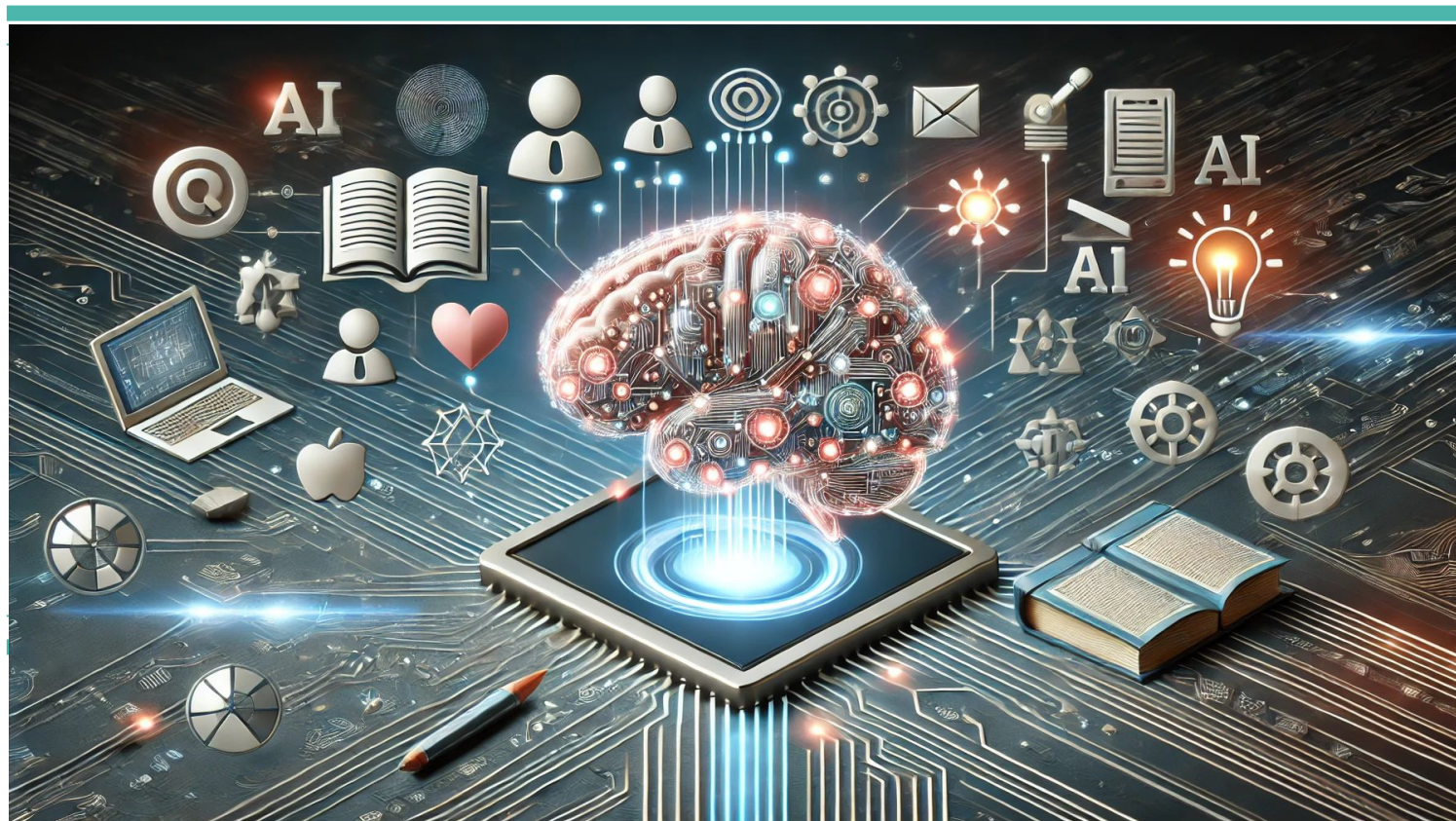
ARTIFICIAL INTELLIGENCE

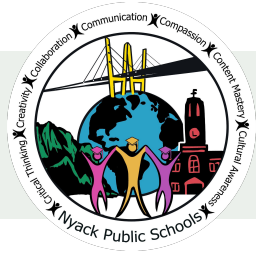
AI has existed for years:

- Siri & Alexa
- Search engines
- Grammarly
- Facial ID
- Google Maps
- Recommendation systems on social media, shopping, movie platforms
- Autonomous vehicles and safety features, like object detection and collision avoidance
- Spam filters



Generative AI





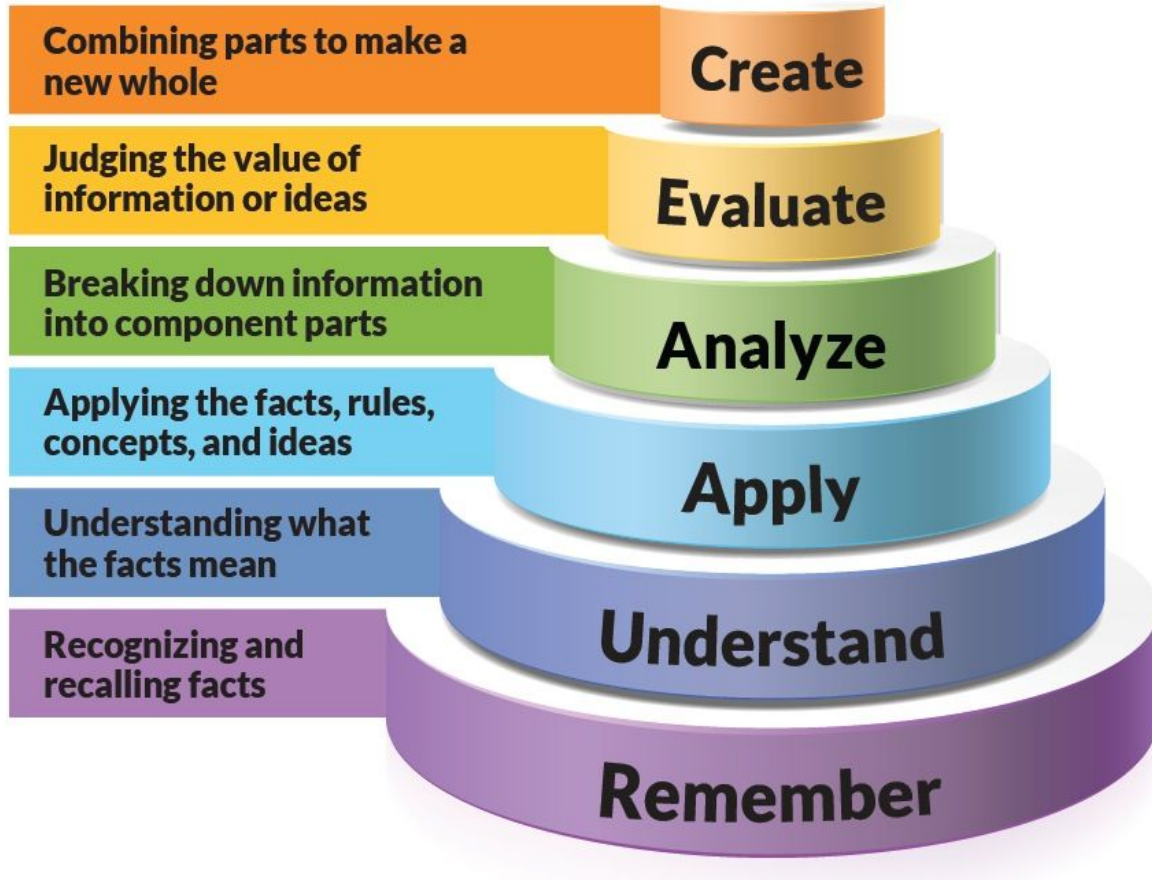
The Why: Our 7 C's

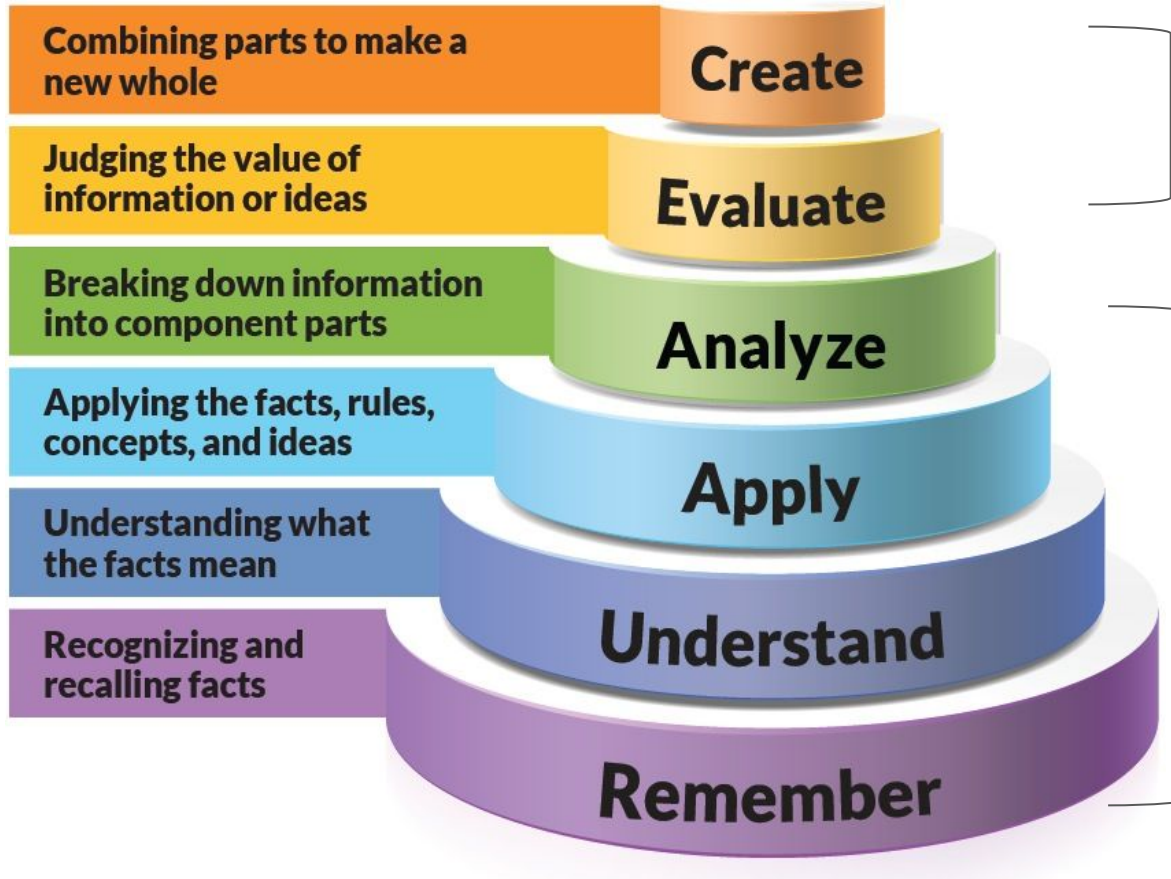
District Vision

We are building bridges for today's students to cross into tomorrow's world with equity, innovation and optimism.

Embedded into the Profile of a Graduate of Nyack Public Schools are seven core competencies - ***Critical Thinking, Creativity, Collaboration, Communication, Compassion, Content Mastery and Cultural Awareness.***

Nurturing these competencies in each student begins at birth, extends into each classroom, and prepares students for success and wellness beyond graduation onto a global platform.





JUDGMENT

How are we still supporting students to think critically, make judgments and reflect on what they learn, and integrate their passions into their learning?

RECKONING

We can use AI to create tutors, and clarify directions, analyze data, be a literature review, but *what are we asking students to do with this information?*

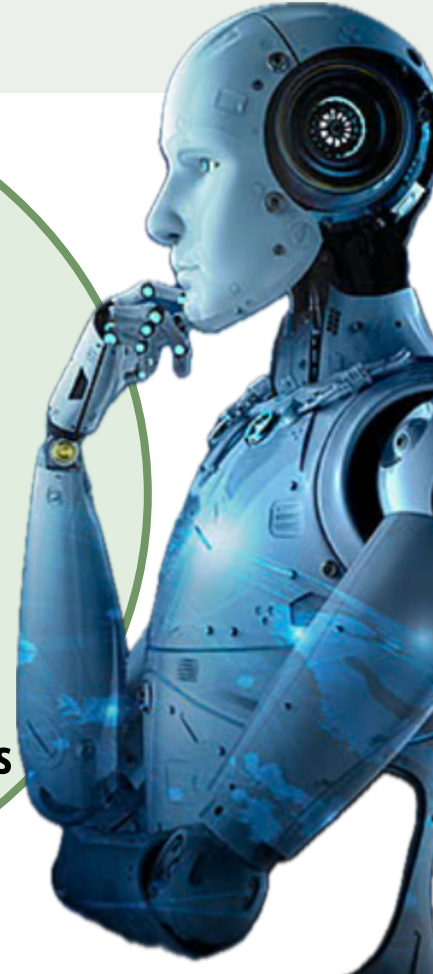


A Proactive Approach to AI Will Transform Education

The Facts:

- Constantly evolving
- Not going anywhere
- Universal access
- Appeal to students
- Access to information

- **Personalize Learning**
- Instant Feedback
- **Increases Accessibility & Inclusion**
- Enhances Creativity
- **24/7 Learning Support**
- Engagement & Motivation
- Encourages Critical Thinking
- **Provides Data-Driven Insights**



District AI Timeline



2023-2024

- **Joined PNW Boces AI Think Tank**
- **Led SCD training - *AI: Leveraging ChatGPT for Professional Efficiency and Instructional Effectiveness***
- **Enhanced lesson planning and instruction through engagement with AI**

District AI Timeline



2024-2025

- Presented at PNW Boces AI Think Tank
- **Formed District's "Nyack AI Committee"**
- Drafted District Guidelines
- **Formed larger AI Initiative to test programs: 45 teachers (K-12)**
- Began designing AI-interactive lessons and experiences for student use
- March SCD: Dr. Chris Dede - Keynote address
- March SCD: Operationalizing AI in the Classroom
- **AI Initiative Recommendations (June)**

District AI Timeline



2025-2026

- Continue with the Future of Education
- **Promote professional development opportunities centered on AI**
- Think about how to measure and track student performance using AI
- **Create more comprehensive vision of how and why we use AI**



AI Programs: Exploring Innovative Tools for Education

school 

homy

Diffit
For Teachers

MAGiC
SCHOOL



Here's what's happening now in Nyack High School: [School AI-World History](#)



Questions?

- Darleen Nicolosi
- Dr. Kathy Affigne
- Steve Nardi
- Deirdre Kenna
- John Joyce
- Mary Berat
- Katherine Jacobson
- Dr. Francisca White
- Michael Burruano
- Carrie Mallie

Acknowledgements & Accountability



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