

Artificial Intelligence (A.I.)

Community Forum 10/23/25



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Our Strategic Plan describes our **Core Values** & the **Strategic Priorities** we will focus on to bring our **Portrait of a Graduate** to life

Core Values



Strategic
Priorities /
LCAP Goals



Portrait of a
Graduate

C

Community is our strength

A

Authentic relationships matter

R

Resilience propels us forward

E

Equity is our north star



Exceptional Instruction



Engaged Students



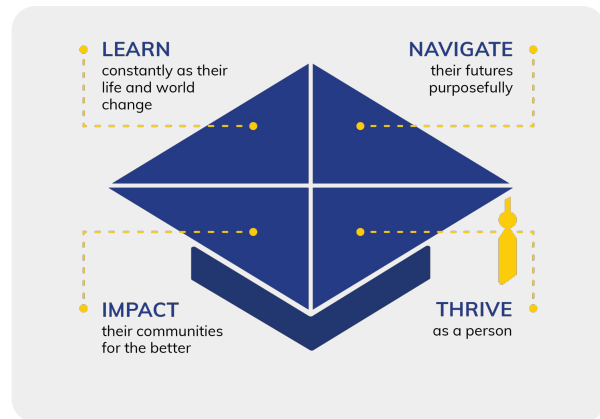
Purposeful Partnerships



Empowered Educators



Equity-Centered Systems



Board Presentation Agenda

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Artificial Intelligence (A.I.) - Overview, Implications, and Implications on Education

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Impacts on the Education Profession & Collaborators

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Need for Guidelines and Policies related to Artificial Intelligence (A.I.)



1. A.I. - Overview, Implications & Implications on Education



A.I. - Overview

A.I. - is when a machine can do things that normally need human thinking — like understanding language, solving problems, learning from experience, or making decisions.

Examples

- ❖ A phone that understands your voice (like Siri or Alexa)
- ❖ A chatbot that answers your questions
- ❖ A car that can drive itself
- ❖ A website that recommends movies based on what you like



A.I. - Implications

- ❖ Automation & AI will reshape work, not just eliminate it.
- ❖ A large share of the workforce will need to transition.
- ❖ There is potential for new jobs and demand in certain roles.
- ❖ Wages and inequality are key risks.
- ❖ Policy, institutions, and proactive planning matter.

McKinsey&Company

MCKINSEY GLOBAL INSTITUTE

JOBS LOST, JOBS GAINED: WORKFORCE TRANSITIONS IN A TIME OF AUTOMATION

DECEMBER 2017



A.I. - Implications on Education

Need for lifelong learning / reskilling

The report suggests many workers will need to shift occupations, acquire new skills, move into different fields.

Education systems will need to support adult learning, flexible and modular credentials, micro-credentials, etc. Not just K-12 and traditional higher ed, but continuing education and retraining. Partnerships with employers will be more important.

Inequity & risk to lower- education / lower-skill populations

Workers with less educational attainment are more vulnerable to automation. Occupations that require only a high school diploma or less tend to have more automatable tasks.

Education systems need to double down on providing access to high-quality education for all. Support for early education, closing opportunity gaps. Also, making sure lower-income / disadvantaged students get the skills that will be in demand. Ensuring digital access.



A.I. - Implications on Education

Growing demand for education / education spending

As incomes rise globally, and populations grow especially in emerging economies, the demand for education (and related sectors) will increase. People will need more skills, more lifelong learning.

There may be more pressure to scale up education services: more teachers, more schools, more varied programs (especially for adult education / continuing education). Institutions will likely need to expand capacity or innovate to meet demand.

Shifts in skills required

Automation and AI will reduce demand for many routine tasks, increase demand for skills like: managing people, creativity, critical thinking, social and emotional skills. Occupations requiring higher education credentials are likely to grow more.

Education curricula will need updating: more emphasis on critical thinking, creativity, collaboration, communication. Soft skills or “non-routine” skills become more important. Teacher preparation programs may need to adapt. Also, there’ll be more demand for post-secondary, vocational, certificates, continuous training.



A.I. - Implications on Education

Institutional change

There is discussion about how educational delivery (like online learning, Massive Open Online Courses, {MOOCs}) and credentialing may shift. Education models may need to adapt structurally.

Schools, colleges, universities may need to adopt new pedagogies, hybrid or online models, flexible scheduling. Credentialing (certificates, short courses) may grow. Governments and policy will need to support these changes (funding, regulation, teacher training).

Changing roles of educators / staff

Some tasks educators perform (especially routine admin tasks, grading, assignment feedback, content delivery) could be partly automated. But other aspects (mentoring, coaching, facilitating discussion, emotional support) will be hard to automate.

Teachers and staff will likely shift roles: more focus on facilitation, design of learning experiences, personalized support. Schools might reduce time spent on repetitive tasks if aided by tools, freeing up time for deeper student interactions. Professional development becomes more important to equip staff for new roles.



2. A.I. - Positive Impacts on the Education Profession & Collaborators



A.I. - Impacts on the Education Profession & Collaborators

- ❖ Curriculum redesign
 - Embed skills that are less automatable: critical thinking, problem solving, creativity, collaboration, socio-emotional learning.
 - More project-based, inquiry-based learning.
- ❖ Teacher (and staff) professional development
 - Train educators in using AI/automation tools effectively.
 - Help them shift from content delivery to facilitation, coaching, designing learning experiences.
- ❖ Invest in technology & infrastructure
 - Tools to automate or support routine tasks (grading, feedback, administrative work) to free up teacher time.
 - Learning management systems, online/hybrid delivery options.



A.I. - Impacts on the Education Profession & Collaborators

- ❖ **Expand access and equity**
 - Ensure all students have access to digital tools, high speed internet.
 - Focus on underserved populations so that the shifts don't widen inequality.
- ❖ **Flexible, modular, lifelong learning paths**
 - Micro-credentials, certificate programs, short courses.
 - Partnerships with industry to match skills demand.
 - Programs for adults and mid-career transitions.
- ❖ **Policy, funding, regulation**
 - Funding models to support hybrid or continuous learning.
 - Support for transition for workers (e.g. retraining).



3. A.I. - SSFUSD Current Use



Artificial Intelligence (A.I.) - Current Use

23-24

- ❖ Offered Introduction to AI session during Nov 1 All Staff Professional Development
 - Participants were introduced to ChatGPT
 - Participants received tips for keeping data private
 - Participants collaborated on how AI can make your professional life more streamlined

- ❖ Partnered with Common Sense Education to pilot their new [AI Literacy lessons](#) in middle schools
 - 2 teachers at Alta Loma volunteered to teach 2 AI literacy lessons observed by Common Sense and some members of Education Services (EDS) team (Now known as the Teaching & Learning (T&L) Team
 - Student and teacher [feedback](#) collected

Attended National AI Literacy Day at The Tech Interactive



Artificial Intelligence (A.I.) - Current Use

24-25

- ❖ Tech TOSAs created [AI Guidelines](#) for Staff
- ❖ TOSAs attended 21CSLA Bay Area Regional Academy's Responsible AI Series (professional learning)
- ❖ Created AI Team consisting of teachers from elem, middle and high school
 - [AI Team Agenda](#) - Jan
 - Team discussed Teacher needs and usage
 - Team created a rubric to evaluate AI programs for schools
- ❖ Led after school PD for teachers on Magic School
- ❖ AI team attended Learning Together AI event at SMCOE
- ❖ TOSAs attended SMCOE - AI in Education Series
- ❖ Members of Tech TLT attended CUE conference to learn more about AI
- ❖ Attended National AI Literacy Day at The Tech Interactive



Artificial Intelligence (A.I.) - Current Use

25-26

- ❖ Attending 21CSLA Bay Area Regional Academy's GenAI, Ethics and Equity: A new Era for TK-12 Education Leaders Series
- ❖ Hoping to reconvene Tech TLT to fold in AI team members & CTIs
- ❖ Plan to offer after school PD around different AI programs teachers are already using



4. A.I. - SSFUSD Potential Future Use



Artificial Intelligence (A.I.) - Potential Future Use

Personalized Learning

- ❖ Adaptive learning platforms: AI can tailor lessons to each student's learning style, pace, and needs, offering personalized practice and feedback.
- ❖ Automated tutoring: AI tutors or chatbots can provide instant help with homework, writing, or test prep—especially helpful outside of class hours.

Teacher Support and Workload Reduction

- ❖ Grading automation: AI can help grade multiple-choice tests, essays, and even provide writing feedback—saving time for teachers.
- ❖ Lesson planning assistance: AI tools can suggest resources, generate lesson plans, or adapt materials for different grade levels or abilities.

Special Education Support

- ❖ Speech-to-text and text-to-speech tools: Help students with learning disabilities or language processing challenges.
- ❖ Individualized education programs (IEPs): AI could assist in tracking progress and suggesting interventions based on student performance data.

Language Learning and Translation

- ❖ Real-time translation: For English Language Learners (ELLs), AI can translate classroom content or teacher instructions.
- ❖ Pronunciation and grammar tools: AI-powered apps can give real-time feedback to help with language acquisition.



Artificial Intelligence (A.I.) - Potential Future Use

Data-Driven Decision Making

- ❖ Early warning systems: AI can analyze attendance, grades, and behavior data to identify at-risk students early and recommend interventions.
- ❖ Curriculum optimization: Districts/Schools can use AI to assess which teaching methods or programs are most effective based on student outcomes.

Career and College Guidance

- ❖ AI career advisors: Tools can analyze students' interests, skills, and academic history to suggest careers or college paths.
- ❖ Application help: AI can assist with writing resumes, college essays, or filling out applications with personalized advice.

School Safety and Operations

- ❖ Security monitoring: AI-powered surveillance can detect unusual activity and send alerts.
- ❖ Smart scheduling and resource management: AI could help schedule classes, manage bus routes, or optimize classroom use.

Enhancing Student Engagement

- ❖ Gamified learning experiences: AI can power interactive simulations, educational games, and virtual reality lessons.

- ❖ Feedback loops: Students can receive real-time feedback that helps keep them motivated and on track.



5. A.I. - Guidelines & Policies



A.I. - Why Guidelines & Policies are necessary

Protect Academic Integrity

- ❖ Prevent cheating and plagiarism: AI tools like ChatGPT can generate essays, solve math problems, and write code. Without clear policies, students might misuse AI to complete assignments dishonestly.
- ❖ Set expectations: Guidelines clarify when and how students can use AI (e.g., brainstorming vs. full content generation).

Ensure Equity and Access

- ❖ Close the digital divide: Not all students have equal access to AI tools. Policies can address access and ensure fair opportunities to benefit from AI.
- ❖ Support inclusive learning: Guidelines can promote tools that accommodate diverse learning needs, such as language support or assistive technologies.

Promote Responsible Use

- ❖ Teach digital literacy: Students need to understand how AI works, its limitations, and potential biases.
- ❖ Avoid misuse: Without education and structure, students and staff might rely on or trust AI blindly, leading to misinformation or ethical issues.

Protect Privacy and Data Security

- ❖ Student data risks: Some AI tools collect personal information. Schools must safeguard student privacy under laws like FERPA.

Control third-party access: Policies help vet tools and ensure they comply with data protection standards



A.I. - Why Guidelines & Policies are necessary

Support Educators

- ❖ Provide clarity: Teachers need clear guidelines on how to integrate AI into instruction, grading, and curriculum planning.
- ❖ Professional development: Policies can help educators use AI effectively and ethically.

Encourage Innovation with Guardrails

- ❖ Foster creativity and learning: AI can be a powerful tool for personalized learning, creative projects, and critical thinking—if used responsibly.
- ❖ Avoid legal and ethical pitfalls: Having guidelines protects the school system from liability and public backlash over misuse or unintended consequences.

Prepare Students for the Future

- ❖ Workforce readiness: AI is transforming nearly every industry. Schools should prepare students with the skills and ethical grounding to use it wisely.
- ❖ Civic responsibility: Students must learn to navigate a world where AI influences media, politics, and society.



A.I. - Call to Action.

By 2030 (our 7th graders will graduate), millions of jobs will still exist, but the work people do within them will look very different, and many workers will need to adapt, reskill, or transition to new kinds of roles.

Current SSFUSD Kindergarten Graduation Year

2038



Thank you!



Questions?



Appendix

- [Jobs lost, Jobs Gained](#)
- [Gwinnett County Sample Learning Continuum](#)
- [Gwinnett County Sample Learning Framework](#)
- [Gwinnett County Sample Key Communications](#)

