



ENTERPRISE

ARTIFICIAL INTELLIGENCE

STRATEGY SY2024-SY2025

Empowering Education through Responsible AI

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VISION



Westminster Public Schools will responsibly leverage safe and secure artificial intelligence to elevate K12 education, shaping the future of learning and empowering the workforce of tomorrow

GOALS & OBJECTIVES

1

Ensure Responsible and Secure AI Adoption

Integrate AI within a resilient and secure infrastructure, enabling the district to build, support, and scale diverse AI applications. This goal emphasizes responsible adoption, data security, and governance to ensure AI technologies effectively enhance district operations and learning environments.

- 1.1 Enable AI Technology to augment tasks and innovate
- 1.2 Utilize a robust, scalable infrastructure to support and innovate with AI
- 1.3 Modernize evaluation processes for AI-integrated tools
- 1.4 Develop and oversee policies, guidelines, and frameworks for responsible AI adoption

2

Foster an Innovative Culture

Empower a dynamic workforce whose diverse needs for AI are served through professional development, a culture of continuous learning, and hiring/upskilling for in-demand AI skills in ways that uphold the highest levels of data and integrity.

- 2.1 AI Training and Support Services
- 2.2 Develop New Opportunities for AI Talent
- 2.3 Create Guiding Principles for Responsible AI Use

3

Innovate with AI

Westminster Public Schools will innovate by identifying, experimenting with, and scaling effective AI solutions, fostering partnerships to address key challenges and enhance educational outcomes.

- 3.1 Redesign instruction to enable student-centered learning
- 3.2 Identify and scale AI-driven instructional innovations
- 3.3 Transform Operational and Departmental Efficiency and Innovation with AI Solutions

»»» INTRODUCTION

Westminster Public Schools stands at a pivotal juncture with the advent of artificial intelligence (AI) technologies. These advancements present unprecedented opportunities for transformative achievements across education, administrative efficiency, security, and the automation of routine tasks.

Several of our schools and departments are already leveraging generative AI and other emerging tools, enhancing productivity and streamlining operations to allow more focus on mission-critical tasks. Thoughtfully implemented and well-secured, AI can dramatically improve our processes for collecting, evaluating, and analyzing information, and better meet the unique needs of each student.

As we integrate AI, it is vital to implement safeguards to protect individuals and manage risks, ensuring the security and privacy of our data, and preventing biased outcomes that could compromise our mission. Initial steps include prioritizing security, enhancing risk awareness, and developing robust governance and policies for responsible AI use.

Furthermore, we will provide AI training and select projects that exemplify our commitment to responsible and secure AI practices. This strategic approach will enable us to navigate our technological advancements effectively, mitigating security risks and biases and ensure that our AI applications align with our goals and principles.

Investing in AI to modernize our services is a key component of our Destination 2030 strategic plan, reflecting our commitment to keeping pace with global technological advancements. Our ability to harness insights from our data to make informed decisions is crucial for supporting our students' success.

The transformative impact of AI is evident across numerous sectors, and with the barrier to entry lower than ever, AI is poised to revolutionize how we educate and operate. Just as the Internet redefined education, AI is set to reshape the future of learning and research in unimaginable ways. As such, it is imperative for school districts to lead in the adoption and application of AI technologies.

GOAL 1 Ensure Responsible and Secure AI Adoption

IMPERATIVE

The District workforce requires adequate software capabilities that leverage AI and ensure security, scalability, and ease of use to support innovative practices.



SOLUTION

Integrate AI technologies into a sustainable and secure AI-enabling infrastructure to build and scale a variety of AI applications across The District.



IMPACT

Secure, safe technology environments and transparent tools to users promotes equitable AI use, ensures data protection and privacy, safeguards against cybersecurity threats, and protects individuals to ensure innovation.

Objective 1.1: Enable AI Technology to augment tasks and innovate

Leverage AI tools to boost efficiency, streamline administrative tasks, and enable all education professionals—including operations, administrative, and instructional staff—to focus on employee and student-centered experiences

Objective 1.2: Utilize a robust, scalable infrastructure to support and innovate with AI

Rely on a resilient technology infrastructure designed to support the development, testing, deployment, and continuous monitoring of AI technologies while safeguarding district data and security

Objective 1.3: Modernize evaluation processes for AI-integrated tools

Redesign technology evaluation processes to incorporate standards necessary for emerging AI tools, ensuring they meet district security protocols and align with educational, operational, and administrative goals.

Objective 1.4: Develop and oversee policies, guidelines, and frameworks for responsible AI adoption

Implement comprehensive policies and frameworks that manage algorithmic risks, ensure data governance, and maintain security and privacy across the district.

GOAL 2 Foster a Culture That Embraces AI Technology

IMPERATIVE

The District's workforce needs the skillset, robust training curriculum, enhanced AI literacy, and educational resources to ensure AI is to be widely and safely adopted across The District.



SOLUTION

Empower a dynamic workforce whose diverse needs for AI are served through training, promoting a culture of continuous learning, and hiring for in-demand AI skills in ways that uphold the highest levels of data and scientific integrity.



IMPACT

Increased AI fluency enables all employees to safely and responsibly reduce time spent on tasks optimal for AI solutions, allowing them to focus their efforts on higher-impact activities.

Objective 2:1 AI Training and Support Services

Offer specialized AI training and support tailored to the diverse needs of district employees across departments and instructional roles. Strengthen AI literacy through tiered learning opportunities, resources on generative AI applications, and support sessions that address both operational and instructional uses. Establish communities of practice where staff can exchange resources, share use cases, and discuss best practices.

Objective 2.2: Develop New Opportunities for AI Talent

Expand recruitment and upskilling initiatives to attract and retain individuals with AI expertise. Focus on identifying candidates skilled in AI techniques, technologies, and ethics, while creating pathways for existing staff to enhance AI capabilities. Encourage AI-centric roles within the district to promote innovation and continuity in AI applications.

Objective 2:3 Create Guiding Principles for Responsible AI Use

Establish clear and forward-thinking guiding principles that promote responsible AI use. These principles will support a culture of innovation while ensuring ethical practices, data privacy, and equitable AI access across the district. Embed these guidelines into training, daily practices, and district policies to align with our commitment to responsible and safe AI integration

GOAL 3 INNOVATE WITH AI

IMPERATIVE

The District faces mission critical challenges well suited to the capabilities of AI that can be addressed through the systematic identification and application of thoroughly tested AI use cases.



SOLUTION

Identify, experiment, and scale a range of successful solutions to be an active innovator of District processes through applied AI, while forming creative partnerships with responsible AI innovators outside of the District to compound our successes.



IMPACT

An enterprise-scale solution for problem identification, experimentation, and deployment that positively impacts The District's mission.

Objective 3.1: Redesign instruction to enable student-centered learning

Reimagine instructional practices by placing students at the center of the learning experience. Focus on creating flexible and engaging environments that cater to the unique needs, interests, and strengths of each student, empowering educators to provide individualized support

Objective 3.2: Identify and scale AI-driven instructional innovations

Identify successful AI applications that enhance learning outcomes, experiment responsibly, and scale effective practices across the district. Form partnerships with responsible AI innovators to support instructional innovation aligned with district goals

Objective 3.3: Transform Operational and Departmental Efficiency and Innovation with AI Solutions

Utilize AI to enhance efficiencies across district operations and departments—from automating routine administrative tasks to optimizing resource allocation and financial planning. By integrating AI into daily workflows, the district aims to reduce manual workload, increase process accuracy, and support timely, data-driven decision-making. These solutions empower staff across all departments, enabling them to focus on strategic initiatives that better support educators and students.

Beyond enhancing efficiency, the district seeks to harness AI as a driver of advanced innovation across all departments. By adopting effective AI technologies, the district can unlock new approaches to operational challenges, allowing for predictive insights, adaptive resource management, and continuous improvement. This commitment to innovation will enable district staff to anticipate needs, streamline complex workflows, and implement forward-thinking solutions that elevate district-wide support for educational excellence.