Preparing for the AI Transformation: Pathways at FCPS

INFORMATION TECHNOLOGY

Fairfax County PUBLIC SCHOOLS
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INVESTING IN FAIRFAX COUNTY'S FUTURE

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693

NATIONAL MERIT COMMENDED SCHOLARS

1178

AVERAGE SAT SCORE
Students performed above state and global averages.

75%

OF HIGH SCHOOL STUDENTS COMPLETED AT LEAST ONE COLLEGE EQUIVALENT COURSE

94.6%

4-YEAR ON-TIME GRADUATION RATE
exceeding the state average





Crawl

Starting with AI literacy and exploration for staff



Walk

Ensuring common understanding and adoption pathways



Run

Integration and resource development



FCPS Lighthouse Schools program has partnered with the joint organization International Society for Technology and Education and Association for Supervision and Curriculum Development (ISTE+ASCD). We pilot emerging practices and technologies with a cohort of schools, measure outcomes and impact, and scale successful innovations throughout the school division.

Build a community of practice to enhance student engagement and learning opportunities

Goals:

- Accelerate innovative practices
- Use technology as a catalyst
- Build repeatable practices and empower staff for ongoing improvement
- Create high-impact practices playbook.

Program Design

- ISTE+ASCD provides leadership coaching, professional learning, and resources such as ISTE U courses and certification
- Access to AI tools and additional technologies

Human-centered design process:

- ➢ Identify challenges
- ➢ Brainstorm solutions
- ➢ Implement innovative practices



17 teams

1837 number of educators

840 hours
School Leadership Action Planning

12,200 hours
of professional development for School Champions and Leaders

15,645 hours of self-paced PD available for educators

17,750 FCPS educators provided access to ISTE membership

Lighthouse Spotlights

Madison HS: Teacher leaders facilitating and coaching AI implementation.

Hunter Woods ES: Coaching and support to implement their STEAM lab with student ambassadors.

Bryant HS: Using Neatboard and Zoom to support students unable to attend school.

McLean HS: Brain science, career readiness and internships .

Saratoga ES: Values ISTE professional learning and certification.

Lighthouse Spotlights

Cooper MS: Expanding the "historical figures as superheroes" project to more subjects, 8th graders, and ambassadors, integrating AI and community support.

Centre Ridge Elementary School is improving its students' user experience as they create 6th-grade Career and College Readiness portfolios.

Program Improvement & Data is focused on using AI to improve their qualitative data analysis processes.

Fairfax High School Lighthouse teacher leaders are designing Gemini AI prompting supports for teachers.

FCPS DEPARTMENT OF INFORMATION TECHNOLOGY

VELOCITY 24

IT MID-YEAR
VIRTUAL CONFERENCE
January 29, 2025





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DIT Mid-Year AI
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