

Technology Plan

2026-2029



WINDHAM-ASHLAND-JEWETT
CENTRAL SCHOOL



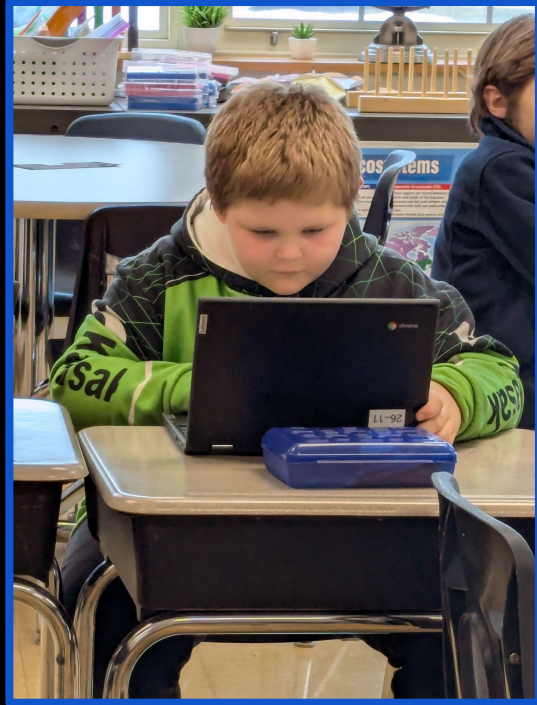
Timeline & Purpose

Timeline:

- Every 3 years WAJ is required by the State of New York to submit a plan for our instructional technology
- This plan is for the years 2026 - 2029

Purpose for WAJ:

- Establishes a long term mission & vision for our instructional technology
- Ensures that the technology within our school is effectively supporting our teachers and our students
- Creates goals for using technology





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Why Technology Matters to WAJ

- Technology is a powerful tool that supports instruction
- Expands access to learning resources for all students
- Helps prepare students for college, careers, military service, and the workforce
- Supports engagement, creativity, and real world application of skills





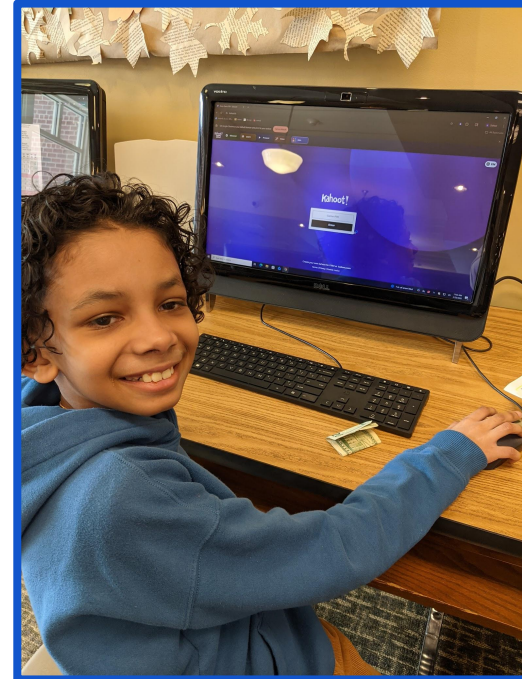
WAJ's Mission & Vision

Mission:

- Provide all students with equitable access to a variety digital tools
- Support teachers in creating meaningful and effective learning experiences

Vision:

- Expose students and staff to a wide range of technologies
- Build flexibility and confidence across devices, platforms, and applications
- Ensure students are prepared to adapt to future technological demands



WAJ's Device Access & Infrastructure



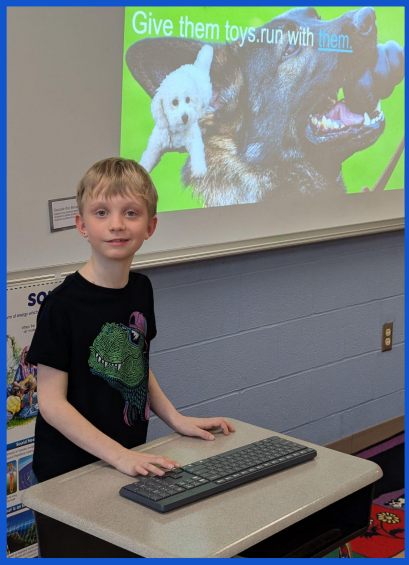
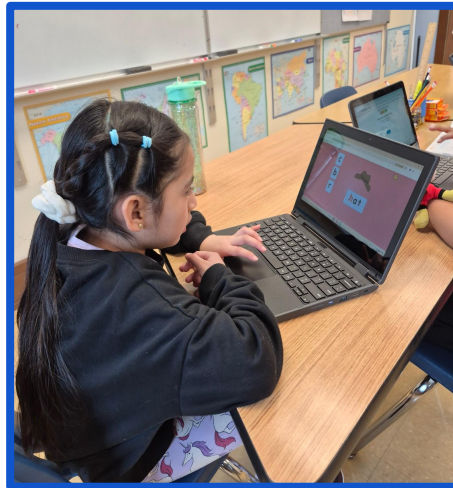
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- WAJ has over 900 active devices schoolwide
 - Includes, desktops, laptops, chromebooks, iPads, surface tablets, android tablets
 - Every classroom has a cart of devices for each student
 - When necessary, WAJ provides students with devices to use at home
- WAJ has a strong broadband network, which is more than capable to handle the school's current and future internet needs



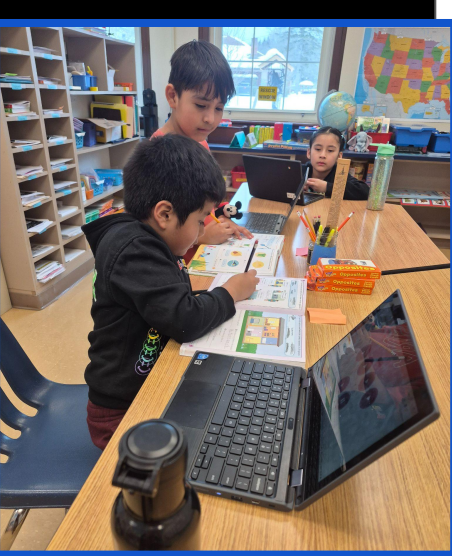
Goal 1: Enhance Digital Learning

- Use technology to support engaging and personalized learning experiences for all students.
- Implement effective instructional technology tools
- Support individualized and differentiated learning
- Provide teachers flexibility in selecting digital resources



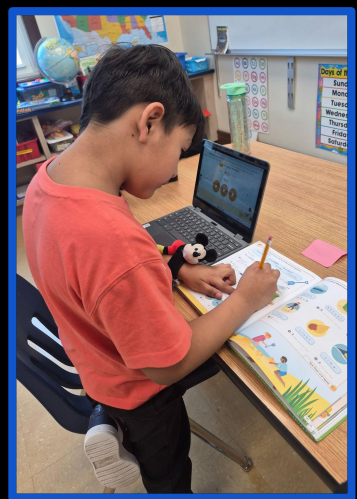
WAJ provides a variety of technology resources that support:

- Core curriculum instruction
- Math and literacy skill development
- Science and STEM learning
- Classroom engagement and assessment
- Coding and technology education
- Early learning and intervention support



Goal 2: Support English Language Learners with technology

- Provide translation tools to improve access to instruction
- Use adaptive learning platforms that support language development
- Provide digital resources to build academic vocabulary across content areas
- Increase participation and access to grade level instruction

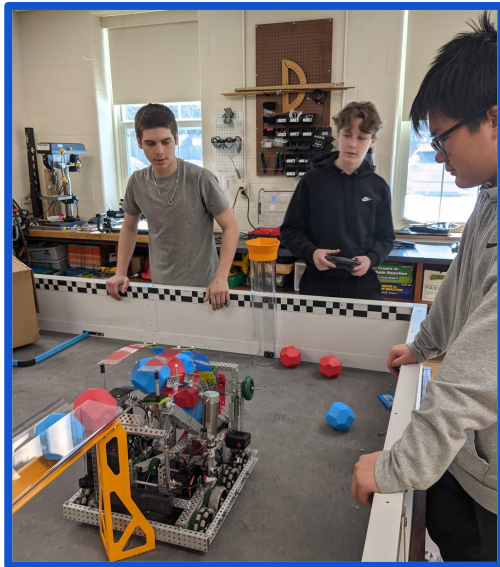


Tools/Resources	Use for ELL Students
Rosetta Stone	Language Learning
IXL	Academic Practice
English for Everyone	Audio to Match textbooks
Google Classroom	Writing vocab, translations
Starfall.com	Phonics and early reading
Wayground (Quizizz)	Modified quizzes with images/translations
Google Translate	Translation directions, work, and communication
Google Docs	Translate student documents
AI Tools (ChatGPT, Rewordify)	Teacher support for modified assignments
Letter Sounds A-Z (iPad)	Letter sound practice for young learners

Year:	# of ELL Students:
2025-26	15
2024-25	15
2023-24	13
2022-23	9
2021-22	6
2020-21	6

Goal 3: Provide Technology that Supports CTE and Engineering

- Technology supports Career and Technical Education pathways
- Hands on access to industry relevant tools, software, and equipment
- Supports CTE and engineering instruction
- Strengthens problem solving, technical skills, and real world learning experiences



Tools/Resources	Use for CTE & Engineering
VEXCode V5	Create code for robotics
Macmillan Learning	CTE textbook
Autodesk Engineering Suite	Design and model engineering projects
Adobe Photoshop	Create and edit digital designs
3D Printers (Photon)	Print prototypes from student designs
HAAS Mill/Lathe	Make machine precision parts
Wood CNC cutter/engraver machine	Cut and engrave wood from digital designs
Woodworking Tools & Equipment	Build and construct wood-based products
Robot Arena	Simulate and test robot designs

CTE & Engineering Programs
Automotive Technology
Culinary Arts
Welding
Cosmetology
Visual Communications and Technology
Equipment Operation and Repair
Building Trades
New Visions Programs
Robotic Engineering
Engineering



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Our goal is to make sure every student has the tools and experiences to succeed in today's tech-driven world.

Thank You!

[WAJ's Technology Plan](#)