

TECHNOLOGY IN THE CLASSROOM AT WHEELER

KEY ASPECTS OF STUDENT TECH IN THE CLASSROOM

- *Boosts engagement through innovation*
- *Students are not plugged in all classes; extended independent computer work is rare*
- *Paper-based work is still emphasized.*
- *Technology is one of many tools in multi-modal instruction*



ACCESS AND EQUITY

- 1:1 Devices promote digital equity & skill-building
- Tools like text-to-speech improve accessibility
- Flexible learning: study hall, home use
- Off-campus access via Google Classroom



INSTRUCTIONAL USES

- STEMscopes (6–8) – Digital labs, videos
- Collaboration – Presentations, group work
- Research – Source evaluation & databases
- Simulations – Desmos, Phet Labs
- Reinforcement – Khan Academy (ELA/Math/SAT)
- Interactive Lessons – Nearpod, Pear Deck
- STEAM Programming – Coding, robotics, video, photography



ASSESSMENT AND DATA

- IXL Benchmarks – Data-driven ELA & Math support
- Standardized Tests – SAT, NGSS, SBAC
- Formative Checks – Google Forms and other apps

AVERAGE TIME SPENT IN AN 88 MINUTE BLOCK

- 15-20 minutes of independent device use
- 30 minutes of tech-supported instruction

TECHNOLOGY IN THE CLASSROOM AT NSES

KEY ASPECTS OF STUDENT TECH IN THE CLASSROOM

- *Boosts engagement through innovation*
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- *Technology is one of many tools in multi-modal instruction*



ACCESS AND EQUITY

- Grades PreK–6 use shared devices.
- NSES lacks sufficient Chromebooks; many are from 2020 and no longer reliable.
- Device shortages impact testing and instruction, especially at NSES.
- Slow devices cause significant login delays (10+ minutes for younger students).



INSTRUCTIONAL USES

- Research activities
- Digital presentations (older grades)
- Typing programs (Computer class)
- Small group rotations using computers as a station
- Interactive Lessons
- Desmos simulations and interactive lessons (Grade 6)



ASSESSMENT AND DATA

- Amira ELA screener
- HMH Into Reading tests
- IXL Benchmarks
- State Testing: SBAC, NGSS

AVERAGE TIME SPENT PER DAY

- Grades 5–6: 30 min/day independent; 30 min/day instructional
- Grades K–4: 15 min/day independent; 15 min/day instructional