

GHS 1:1 Initiative

Implementation and Goal Development Update



Our District Vision

We are: Self-directed, lifelong learners;
Effective communicators;
Complex, creative, & adaptive thinkers;
And collaborative & productive citizens.



Implementation Philosophy

- Shared Philosophy with Elementary and Middle School
- Focus on empowering Students and Teachers to achieve our Vision
- Using a Common Evaluation Tool Across All Levels

Characteristics of the Learning Environment

	Entry	Adoption	Adaptation	Infusion	Transformation
Active	Information passively received	Conventional, procedural use of tools	Conventional independent use of tools; some student choice and exploration	Choice of tools and regular, self-directed use	Extensive and unconventional use of tools
Collaborative	Individual student use of tools	Collaborative use of tools in conventional ways	Collaborative use of tools; some student choice and exploration	Choice of tools and regular use for collaboration	Collaboration with peers and outside resources in ways not possible without technology
Constructive	Information delivered to students	Guided, conventional use for building knowledge	Independent use for building knowledge; some student choice and exploration	Choice and regular use for building knowledge	Extensive and unconventional use of technology tools to build knowledge
Authentic	Use unrelated to the world outside of the instructional setting	Guided use in activities with some meaningful context	Independent use in activities connected to students' lives; some student choice and exploration	Choice of tools and regular use in meaningful activities	Innovative use for higher order learning activities in a local or global context
Goal-Directed	Directions given, step-by-step task monitoring	Conventional and procedural use of tools to plan or monitor	Purposeful use of tools to plan and monitor; some student choice and exploration	Flexible and seamless use of tools to plan and monitor	Extensive and higher order use of tools to plan and monitor

The Goals of the Plan

- To transform learning and teaching through the integration of new technology at Geneva High School.
- To integrate new technology into multiple sections of 9th, 10th and 11th grade courses, and expose 387 students to new ideas that will create an environment that supports collaboration, creativity, critical thinking, and communication.

- To determine the effectiveness of 1:1 devices at the high school level using the TIM matrix.
- To build capacity among students and teachers that will promote a highly successful transition to new technology integration in the future

The Implementation Plan

Ninth Grade

- 53 9th grade students will receive 1:1 devices. The following courses will integrate the use of 1:1 devices:
 - Earth Science – 1 section, 1 teacher
 - Modern World – 2 sections, 2 teachers and 2 special education teachers
 - English I – 2 sections, 1 teacher and 1 special education teacher
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- 7 ninth grade teachers will be teaching with 1:1 devices and engaging in professional development with their colleagues throughout the year.

Tenth Grade

- 141 10th grade students will receive 1:1 devices. The following courses will integrate the use of 1:1 devices:
 - English II – 2 sections, 1 teacher
 - Chemistry – 1 section, 1 teacher
 - Spanish III – 2 sections, 2 teachers
 - Geometry – 2 sections, 1 teacher
 - US History – 2 sections, 1 teacher
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- 6 tenth grade teachers will be teaching with 1:1 devices and engaging in professional development with their colleagues throughout the year.

Eleventh Grade

- The juniors were especially difficult to schedule due to the large number of elective offerings available to them. As a result of those difficulties we are proposing the use of classroom carts rather than 1:1 devices at the junior level.
- 193 11th grade students will be taught using computers on classroom carts. The following courses will be taught using those devices:
 - English III – 3 sections, 1 teacher
 - Algebra II – 3 sections, 1 teacher
 - U.S. History – 2 sections, 1 teacher
- 3 eleventh grade teachers will be teaching with computer carts and engaging in professional development with their colleagues throughout the year.

Benefits of this Approach

- In order to enhance teaching and learning, 194 students will be working with a 1:1 device and 193 students will be exposed to new technology through classroom carts.
- 13 teachers at the 9th and 10th grade level will be teaching 14 sections of their courses with 1:1 devices.
- 3 more teachers at the 11th grade level will be enhancing their 8 sections with computer carts.
- A cost savings. Our April estimate was approximately \$198,000.00. The purchase of the 280 computers needed for the implementation of this plan will be approximately \$158,000.00.

Next Steps

- Professional development will be provided on a monthly basis.
- We will use the Technology Integration Matrix (TIM) to assess technology implementation in these classrooms throughout the year.
- This plan is another step in the process to enhance technology at Geneva Community High School, not an end goal. We will use the information gathered from the early stages of this initiative to provide you with an update in December of 2015, and to propose the next step.
- The Collaborative Teaching Project (CTP) will also be expanding this year as more than 15 additional teachers will be participating in CTP during the 2015-16 school year.

Thank you

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