

Goal #4: Ensure students have the skills and competencies needed to access, process, communicate, and create using a wide range of resources and technologies in order to succeed and lead in our local and global society.

Related Challenges:

- Establish a district system that fully ensures the consistent implementation of effective instructional practices across all classrooms in each school.
- Establish a district system that fully ensures high quality curricular assets (e.g. model curricula, learning progressions, units, lesson plans, and content resources) aligned with state standards and fully accessible to teachers and students.
- Establish a district system that fully ensures professional development is focused, comprehensive and implemented with fidelity.

Indicators of Effectiveness:

Type: Interim

Data Source: Technology Checklist

Specific Targets: The Technology Checklist will be used to assess the completion of the technology initiatives associated with this goal.

Type: Interim

Data Source: Technology Integration Implementation Rubric

Specific Targets: Using observations and walkthroughs, administrators will assess the degree to which the technology integration expectations are being implemented as measured via Technology Integration Implementation Rubric. The rubric should be used to demonstrate progress over time with regards to the implementation of the technology integration and competencies.

Type: Interim

Data Source: Surveys

Specific Targets: Parents, administrators, teachers, and students will be surveyed to determine effectiveness of implementation of strategies and action steps within this goal area.

Strategies:

K-12 STEAM initiative

Description:

Review the K-12 STEAM (Science, Technology, Engineering, Arts, and Math) implementation.

SAS Alignment: Standards, Curriculum Framework, Instruction

Technology Replenishment Cycle

Description:

Examine the technology replenishment cycle to guarantee technology across the district is updated to meet the needs of the students and staff.

SAS Alignment: Materials & Resources

One-to-one Device Initiative

Description:

Monitor and evaluate the district's one-to-one initiative.

SAS Alignment: Assessment, Curriculum Framework, Instruction, Materials & Resources

Online Learning

Description:

Develop and implement online learning opportunities.

SAS Alignment: Standards, Assessment, Curriculum Framework, Instruction, Materials & Resources

Implementation Steps:

STEAM curriculum

Description:

Integrate STEAM curriculum in grades K-12.

Start Date: 6/1/2019 **End Date:** 6/30/2022

Program Area(s): Professional Education, Special Education, Gifted Education, Educational Technology

Supported Strategies:

- K-12 STEAM initiative

STEAM professional development

Description:

Provide high quality professional development to support teachers in the integration of the STEAM curriculum.

Start Date: 7/1/2019 **End Date:** 6/30/2022

Program Area(s): Professional Education, Teacher Induction, Special Education, Gifted Education, Educational Technology

Supported Strategies:

- K-12 STEAM initiative

Technology Department coordination

Description:

Coordinate with the technology department to procure technology hardware that ensures students are equipped with the necessary technology to meet programming needs.

Start Date: 7/1/2019 **End Date:** 6/1/2022

Program Area(s): Educational Technology

Supported Strategies:

- Technology Replenishment Cycle

Teaching and Learning - Technology Department collaboration

Description:

The Teaching and Learning Department and the Technology Department will explore current trends in technology in an effort to enhance student learning and district operations.

Start Date: 7/1/2019 **End Date:** 6/30/2022

Program Area(s): Educational Technology

Supported Strategies:

- Technology Replenishment Cycle

Integration of technology

Description:

Ensure thorough integration of technology within every classroom and within online learning courses.

Start Date: 7/1/2019 **End Date:** 6/30/2022

Program Area(s): Professional Education, Teacher Induction, Special Education, Gifted Education, Educational Technology

Supported Strategies:

- K-12 STEAM initiative
- Technology Replenishment Cycle
- One-to-one Device Initiative
- Online Learning

Teacher technology professional development

Description:

Provide professional development for the integration of technology within classroom instruction and online courses.

Start Date: 7/1/2019 **End Date:** 6/30/2022

Program Area(s): Professional Education, Teacher Induction, Special Education, Gifted Education, Educational Technology

Supported Strategies:

- One-to-one Device Initiative
- Online Learning

Online learning

Description:

Design online learning opportunities of secondary Great Valley School District courses for students to complete either synchronously or asynchronously.

Start Date: 7/1/2019 **End Date:** 6/30/2022

Program Area(s): Special Education, Gifted Education, Educational Technology

Supported Strategies:

- Online Learning

Measuring technology implementation

Description:

Develop and implement a process for measuring the effectiveness of teacher integration of technology within the classroom and online courses through a technology implementation rubric.

Start Date: 7/1/2019 **End Date:** 6/30/2022

Program Area(s): Professional Education, Educational Technology

Supported Strategies:

- One-to-one Device Initiative
- Online Learning

One-to-one portable device initiative

Description:

Monitor the implementation of the one-to-one portable device initiative.

Start Date: 7/1/2019 **End Date:** 7/30/2022

Program Area(s): Professional Education, Educational Technology

Supported Strategies:

- One-to-one Device Initiative

One-to-one portable device initiative implementation plan

Description:

Develop an implementation evaluation for the district one-to-one initiative that includes curriculum revision and professional development to ensure effective technology integration across all classrooms.

Start Date: 7/1/2019 **End Date:** 6/30/2022

Program Area(s): Professional Education, Teacher Induction, Special Education, Gifted Education, Educational Technology

Supported Strategies:

- One-to-one Device Initiative