Londonderry School District
Digital Learning Plan: Fall 2016

The objective of this Digital Learning Plan is to provide clarity and guidance to the process of selecting, implementing, training, and supporting both hardware and software in technology for the Londonderry School District.

We envision a successful digital learning environment where:
- The use of technology is a key component in learning
- The use of instructional technology is linked directly to the learning function it serves.
- Technology serves a crucial role in the efficient operation of the District.
- The effective integration of technology should be an ongoing process

Areas of Focus:
1. To provide technology hardware and software that directly connect to the enhancement of student learning.
2. To use technology tools that increase the efficient operation of the District.

Enhancement of Student Learning
1. To establish direct connections between learning and the technology tools employed in overcoming them.
   a. Decision-making process predicated upon instruction, given budget constraints
   b. K-12 Coordination within and across buildings

2. To extend the use of learning tools that allow teachers to understand and adapt to the learning needs of individual students.
   a. Adaptive instructional tools and formative assessments that connect directly to our instructional programs, such as iReady.
   b. To implement technology that allows students to access learning resources beyond the school time and space. Flipped Learning, Distance Learning, Centralized management system

3. To support the implementation of technology through ongoing training and support for students, staff, and parents as is applicable.
   a. LTA, 'Flipped PD', Teacher Training, Parent Training resources,

4. To advance instructional use of this technology by developing systems of support that are embedded in the instructional environment.
   a. The integration of technology is a part of effective teaching and is not an 'extra'.
   b. The evaluation of new technology should be ongoing and anchored in effective instructional practices.

Efficient Operations
1. To maximize the use of technology tools in current use for managing the operational functions of the District.
   a. Optimized use of Aspen, Munis, and other tools in current use.

2. To select, train, implement, and maintain technology tools that increase the efficient use of time for all students, parents, and employees in carrying out their respective functions. What can we investigate tech-wise that could make us even more efficient?

3. <u>To utilize school management tools</u> that allow teachers to maximize the amount of time they spend on instructional design and student learning as opposed to management tasks.
    a. Consolidated tools to provide a 'single stop' technology interface similar to that used by colleges and universities.
    b. Explore the expanded use of features available to us in Aspen.
    c. Consolidate existing apps and software to minimize logins and access points required of all users.

4. <u>To use technology to communicate</u> with all stakeholders in a timely and accurate manner.
    a. Content Management System / website, extending the Social Media plan, Notification system, Networks of community support,

5. <u>To develop an updated and current Technology Plan</u> for file with the State of New Hampshire. The current plan on file has lapsed a year ago, and needs to be updated.
    a. A District Tech Committee will be convened for the purposes of developing and refining this plan for submission in May of 2017. Membership on this team will represent a full range of stakeholders from the school community.

Outcomes
Each of the topics contained under the two areas of focus have outcomes attached to them. We have specific tasks developed to bring about these outcomes, which form the bulk of our work for the coming school year. Tasks currently underway include:
- The formation and regular meetings of building-level technology committees.
- Evaluation and development of the current methods of tracking inventory, budgeting, technology requests, etc.
- Research into the capacity of current software, as well as the elements of that software that are under- or unused.
- Building of a budget based upon priorities by function
- Implementation of iReady Assessment and Instruction
- Training and support systems in development to extend the learning environment for teachers and students; flipped learning, help videos, training opportunities, etc.
- District Tech Plan Work Group (Roles)