The Worcester Public Schools is committed to providing authentic and relevant learning experiences that are enriched by the meaningful use of technology.
Committees

- Steering
- Digital Migration
- Student Information System
- Professional Development for Digital Learning
- Instructional Resource & Technology (Strategic Plan Subcommittee)
- Website

60+ committee members
Plan Development

- Empathize
- Define
- Ideate
- Prototype
- Test
This reflects the annual operating budget for Instructional Technology. This budget is now fully committed to a lease through FY22.
Worcester Public Schools

Figure 26. Technical Readiness Among Catalyst and Urban Network Districts

Technical Readiness for Personalized Learning

% WiFi Ready

% 1:1 Device Ready

Andover
Springfield
Boston
Somerville

MA Landscape analysis for personalized learning
2019 Technical Readiness (Estimated)

Figure 26. Technical Readiness Among Catalyst and Urban Network Districts

Technical Readiness for Personalized Learning

Worcester Public Schools

% WiFi Ready

% 1:1 Device Ready
Top Left: common site in classrooms, projector in the middle of room
Bottom Right: poster seen in current classroom
Critical Components

- Learning
- Teaching
- Leadership
- Assessment
- Infrastructure, Equipment & Systems
- Communication
Students will:

- Have engaging and empowering learning experiences access to the modern tools to support their learning
- Have access to coursework and experiences leveraged with technology
- Be guided by the ISTE standards
- Have learning experiences with the content in the MA Digital Literacy and Computer Science Standards
Actions

- Professional development will focus on how to support student learning, choice, and agency
- DLCS standards should be integrated into the curriculum
- Monitoring of progress
- Integration of Massachusetts Digital Literacy and Computer Science Standards (DLCS) into the K-12 curriculum
- Additional DLCS courses*
- Digital Literacy Computer Science Liaison*

*funding needs to be identified
Educators will:

- Be supported by technology that connects them to people, data, content, resources, expertise, and learning experiences
- Be guided by the ISTE Educator Standards
- Have access to high quality professional learning opportunities
- Have coaching and support from district specialists and leaderships
Teaching

Actions

- Create a high quality sustained teacher leadership program
- Increase district technology coaches to 8 total (3 current)*
- Offer a variety of professional learning opportunities
  - Coaching and modeling
  - Co-planning lessons
  - Varied formats
  - Varied times
  - Curriculum focused
- Research & Test new PD formats

*Funding needs to be identified

August-October 2018

3 District Focused Technology Coaches

3.8/4 Average Workshop Rating

924 Staff Attended PD
Teachers Ask... We Deliver

- Online - weekly challenges
- Blended
- Face to Face
- Supports all learners
- Virtual Drop-ins
- Saturdays, vacations, before, during, and after school

#WooBrewEdu

FUN | INNOVATIVE | RELEVANT
“A leader is best when people barely know he exists, when his work is done, his aim fulfilled, they will say: we did it ourselves.”

– Lao Tzu
Leaders will:

- model the effective use of technology
- be guided by the ISTE Leadership Standards
- be supported by focused PD experiences
**Leadership**

**Actions**

- Create and offer focused professional learning experiences
- Develop high quality and sustained innovative and digital principal leadership cohort
- District leadership will model effective integration
- Support and coaching
Digital Assessments...

- Can be formative or summative
- Should support the everyday learning objectives
- Leverage technology to measure what matters and use data to improve learning
- Break down barriers for diverse learners
- Can be given in a variety of ways to give students voice and choice
Assessment

Actions

- Analyze and select the most effective digital tools and strategies for assessment
- Offer pd sessions for strategies to use a variety digital assessments
- Support district and school data teams
Infrastructure, Equipment, & Systems

Actions

Complete

- Upgrade wifi
- Move to Google Apps for Education
- Shift in lease priorities to mobile devices
- Launched Clever

Identify funding for

- Grades K-2, 2:1 devices
- Grades 7-12, 1:1 chromebooks
- Grades 3-6, 1:1 chromebooks in carts
- Modern 3rd party student information system & gradebook
- Learning Management System
Communication

Actions

- Modern student information system
- New website
- Social Media
- Mobile
- Youtube
- Channel 11
- Connections with family & community
## Estimated Budget - Strategic Plan

Many of the recommendations of the strategic plan require more funding. This is an estimate of the additional costs to implement the strategic plan.

<table>
<thead>
<tr>
<th>Category</th>
<th>Current Annual Budget</th>
<th>Estimated Additional (Annual)</th>
<th>Total Annual</th>
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<tr>
<td>Instructional Technology</td>
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<tr>
<td>District Instructional Technology Coaches</td>
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<td>Digital Learning &amp; Computer Science Liaison</td>
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<td>Network &amp; Infrastructure</td>
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Thank You!