A Successful 1:1 Initiative on A Budget

Content provided by Microsoft
Going 1:1 On a Budget

Dr. Michael Kuzniewski
Superintendent
Suburb of Chicago, Illinois
Morton District #201 serves the communities of Berwyn, Cicero, Stickney, Lyons and Forest View.
Four Campuses

Morton East
- 3,621 Students
- 93.4% Low Income
- 93.6% Hispanic
- 9.3% English Learners

Morton West
- 3,511 Students
- 81.0% Low Income
- 77.9% Hispanic
- 3.3% English Learners

Four Campuses

Freshmen Center

• 1,210 Students
• 94.6% Low Income
• 89.0% Hispanic
• 23.6% English Learners

Alternative School

• 97 Students
• Changing population throughout year

Morton Student
Internet Access at Home

Internet Access at Primary Residence

- No Internet Access at Home: 37%
- Internet Access at Home: 63%

Source: Morton survey conducted September 2013
Morton’s AP Enrollment

J.S. Morton High School District 201
Students Taking AP Exams

<table>
<thead>
<tr>
<th>School Year</th>
<th>AP Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>991</td>
</tr>
<tr>
<td>2011</td>
<td>1070</td>
</tr>
<tr>
<td>2012</td>
<td>1334</td>
</tr>
<tr>
<td>2013</td>
<td>1548</td>
</tr>
<tr>
<td>2014</td>
<td>2048</td>
</tr>
</tbody>
</table>

Source: College Board Web Site.
Mr. Jeff Pesek, School Board President

BOARD DIRECTIVE
Morton’s Mission and Vision

• Mission:
  • J. Sterling Morton High School District #201 educates all students to meet or exceed standards of learning by providing educational experiences that challenge, engage, and empower them to be productive members of the global community.

• Vision:
  • Every student succeeds.
School Board Directive
Mr. Jeff Pesek, President

• Technology will serve as an additional tool that will be used to enhance educational experiences thus empowering students to **Collaborate, Communicate and Create**.

• All students will be provided the technological hardware, software and training necessary to challenge, engage and empower them on their path to success.

• **Expand Technology Access** for not only students but also families in the community.
FISCAL PLANNING & ACCOUNTABILITY

Dr. Michael Kuzniewski
Network and Infrastructure Upgrades

- E-Rate funds over four years
  - Telecommunication Services
  - Internet Access (250 mb upgraded to 2 gb)
  - Internal Connections
  - Basic Maintenance of Internal Connections

- Local funds
  - Interactive Classroom Projectors
1:1 Device Funding

• Title I Grant
  • Consistent Revenue Source
  • Freshmen classes starting fall 2014
    • 2,100 students
    • $399 price point per device
  • “Complete 1:1 implementation across all grades by fall 2017,” Mr. Jeff Pesek, School Board President
School Improvement Grant

- Grant Application March 2014
- Grant Award June 2014
  - Creation of Instructional Technology Team
    - Director of Instructional Technology
    - Technology Coaches
    - Data and Assessment Coordinator
Professional Development

• Title I Grant
  • PD presenters during teacher institutes
  • After school and weekend PD for teachers
  • Technology PD conferences for teachers
  • 1:1 school visits by teachers
Service and Support

• Device Population Growth Across District
  • 2013 – 1,600 devices
  • 2014 – 3,800 devices
  • 2015 – 6000 devices
  • 2016 – 8,200 devices
  • 2017 – 10,400 devices

• Technology Service Internship (TSI)
  • Class where students service the 1:1 initiative
  • Hands on real-world experience
    • 1 teacher per campus
    • 1 technician per campus
Mr. Robert Niedermeyer, Director of Technology

INFRASTRUCTURE UPGRADES
Hardware

- Servers
- Switches and Routers
- Redundant Firewalls
- Web Filter
- Fiber Optic Cabling
  - 250mb to 2gb
- Wireless Access Points
  - Coverage
  - Density
- Interactive Projectors
  - Installation
  - Cabling
Software

- Active Directory / LDAP
- SIS
  - Skyward Upgrades
- OneDrive/Office365
- Windows 7 upgrade to Windows 8
- LanDesk
  - Helpdesk and Inventory Tracking
1:1 PLANNING AND ROLLOUT
Three Committees
Teachers, administration, computer services, clerical & consultants

Device Committee
Professional Development Committee
Tech Service Internship Committee
# Device Committee

## Windows 8.1 Device

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Real World Tools</td>
<td>(Microsoft Office)</td>
</tr>
<tr>
<td>Online and Offline Functionality</td>
<td>(63% with internet at home - Office365)</td>
</tr>
<tr>
<td>Value for Price</td>
<td>($399 price point)</td>
</tr>
<tr>
<td>Touch Capability</td>
<td>(Windows 8.1)</td>
</tr>
<tr>
<td>MiraCast</td>
<td>(Wireless video connection)</td>
</tr>
<tr>
<td>Manageability</td>
<td>(Enterprise systems and monitoring)</td>
</tr>
</tbody>
</table>
# Professional Development Committee

<table>
<thead>
<tr>
<th>Create</th>
<th>Learning Content Management System (Edline)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collaborate</td>
<td>Collaboration Tool (OneDrive and Office365)</td>
</tr>
<tr>
<td>Communicate</td>
<td>School Information System (Skyward)</td>
</tr>
<tr>
<td></td>
<td>Assessment Tool (Mastery Manager)</td>
</tr>
</tbody>
</table>
Tech Service Internship

Support 1:1 Initiative and Receive Credit
  - Device Support
  - Classroom Support

TSI Class

Structure
  - Station #1: Customer Service
  - Station #2: Hardware Support
  - Station #3: Online Coursework
  - Station #4: Building Support

Online Certifications
  - Microsoft IT Academy
  - TestOut A+ Certification
  - Dell Tech Direct Certification
2014 Cohort

Phase #1: Planning
Phase #2: Professional Development
Phase #3: Implementation
Phase #4: Monitoring and Evaluation

2015 Cohort

Phase #1: Planning
Phase #2: Professional Development
Phase #3: Implementation
Phase #4: Monitoring and Evaluation
Going 1:1 On a Budget

Dr. Michael Kuzniewski
Superintendent