Background and Purpose

- Ad hoc committee created by the District Technology Committee
- 13 members, including teachers, administrators, parents, and a student
- Focus: development of recommendations for district technology during the final six years of the current voter-approved PPEL
PPEL Technology Refresher

• Passed in 2012
• $250,000/yr earmarked for technology
• Reevaluation of technology plan after first five years
Identified Needs

- Additional devices
- Technology integration support
- Home access
- Appropriate software
- Classroom technology enhancements
Recommendations: Student Devices

• 1:1 in grades 3-12 (at least)
  • Student-assigned model in grades 6-12
  • Classroom-assigned model in grades 3-5

• Increase in student-accessible devices at Adel Elementary
  • Additional research is being conducted to determine exact deployment model
Recommendations: Technology Integration

• Critical for program success
• One or more technology integration specialists
  • This can take several forms:
    • 1.0 FTE district technology integration specialist OR
    • 0.5 FTE secondary and elementary specialists OR
    • 0.5 FTE specialists per building OR
    • Combinations thereof
Recommendations: Device Selection

- Chromebooks in grades 3-12
  - Citrix application/desktop virtualization software available
  - Cost as a primary driver ($230/device)
  - 4-year lifecycle
- iPad Mini devices at Adel Elementary
  - Supplemented with laptops on a per-classroom basis
  - 5-year lifecycle
Recommendations: Cybersafety

• Filtering through the district’s firewall
  • Regardless of whether the device is on or off campus
• Ongoing focus on digital citizenship within the classroom
• Orientation session for students and parents
  • Home network security
  • Device care guidelines
Recommendations: Classroom Technology

• Maintain current suite (projector, interactive whiteboard, document camera)
  • Update existing equipment to current technology standards
  • Potential to add voice lift technology to standard suite

• Additional technologies
  • Recording systems, multiple display implementations, makerspaces
# Recommendations: Infrastructure

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<thead>
<tr>
<th></th>
<th>Admin Bldg.</th>
<th>ADM HS</th>
<th>ADM MS</th>
<th>DeSoto</th>
<th>AE</th>
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# Recommendation Costs (6-year)
**Budgeted: $1.35 million**

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<th>Deployment Model</th>
<th>Program Cost</th>
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<tr>
<td>Status Quo</td>
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<td><strong>Recommended:</strong> 1:1 Chromebooks (3-12), 2:1 iPads (PK-2)</td>
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<td>2:1 MacBooks (6-12), 2:1 Chromebooks (3-5), 2:1 iPads (PK-2)</td>
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<tr>
<td>1:1 MacBooks (3-12), 2:1 iPads (PK-2)</td>
<td>$2.9 million</td>
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Note: Program costs above are comprehensive, and include PPEL-eligible costs for student devices, staff devices, office computers, licensing, network and internet connectivity, and infrastructure.
### Project Timeline

(subject to change)

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<thead>
<tr>
<th>Project</th>
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</table>
Summary

• 1:1 with Chromebooks in grades 3-12, increased devices in PK-2
• Technology integration support
• PPEL-eligible program cost: $1.2 million
  • 9% of PPEL technology funds unallocated
Technology Recommendations:
2016 - 2022

Next Generation Technology Committee
ADM Community School District

May, 2016