**SCCS Strategic Technology Plan**

**October 20, 2015 DRAFT**

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|  | **Equipment Current Inventory** |  | **Infrastructure** | **Notes**: |
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| **June 2014** | Projection Systems  Projectors (59)  Smart Board Systems (5)  Elmo/ Document Cameras ( 14 ) | Printers | *Server Virtualization (75,000)* |  |
| Teacher Equipment  iPads (80)  Desktops (14)  Laptops (68)  Chromebook (0) |  | Wireless Access Points  Meraki (40) | iPad- Teacher (69) and Aides (11) |
| Staff Equipment  iPads ( 15 )  Desktops (22)  Laptops (7)  Chromebook (0) |  | Camera Inventory:  Analogue ( 31 )  Digital ( 15 ) | iPad – staff count includes BOE iPads |
| Student Equipment  iPads ( 251 )  Desktops ( 245 )  Laptops ( 0 )  Chromebook ( 10 ) |  |  |  |
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|  | **Replacement Equipment - Lifecycle** | **Expand Equipment Inventory** | **Infrastructure** | **Notes**: |
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| **2014/15** |  |  |  |  |
| Projection Systems  Projectors (8)-  *Projector Wireless (1)-*  Projectors Small (4)-  Projectors (7) @$1900 each |  | Projector arms (8)  White Board (8)  Apple TV (8) | Goal: Provide digital projection systems to all instructional spaces ( 31 ES/ 34 HS = 65 Total) over 3 years. (15) units completed by August 2015. |
| Teacher Equipment  Laptops- I (22)  Laptops (8)  Laptops (30) @ $500 each | iPad (8) | *Server Virtualization (25,000)*  UPS @ $3000 | Goal: Replace all teacher (66) & staff equipment (20) & district staff (6) over 2 years. Most units are +5 years old. Will repurpose units that are still supported.  iPad (8)- see below |
| Staff Equipment  iPads  Desktops  Laptops | Robotics  LEGO Robotic Kits-S (12)  Tetrix Robotic Kit (1) | Wireless Access Points (2) $850 each  \* Focus on grades 5-8  \*\*\*SHIFT 29MB to 100MB\*\*\*  Security  Digital Security Cameras ( ) | Goal: Expand wireless coverage to meet increased demand from new purchases.  Goal: Continue to replace analogue cameras with digital.    Goal: Introduce robotics at grade 8 and in HS electives. |
| Student Equipment  iPads  Desktops  Laptops  Projected Inventory June 2015  iPads ( 490 )  Desktops ( 245 )  Laptops ( 68 old, 60 new)  Chromebook ( 55) | Chromebook (45) @ $400 each  Chromebook Cart (2) @ $1600 each  Chromebook (20) and cart  IPads (80)  *IPads (T) (40)*  IPads (40)  3d printer (2) @ $2900 each | *Question: carts or individual power source for 1-1 chromebooks?????* | Goal: At grade 6 create 1-1 Chromebook ratio by purchasing 45 units and re-deploying 10 existing Chromebook. Units deployed to students. Pilot to test functionality and future needs.  Redeploy 6th grade iPads (20) to grades 2-4.  Goal: At grades K & 1 create 2:1 iPad ratio+2 backups per classroom (36) units.    Goal: Increase iPads in HS (60) and ES (60) units.  *ES (20) - Art (5), music (5), grade 5 (5), grade 6 (5)*  ES (40) - Art (5), music (5), K-1 (30)----  \*30 units to create 2:1 ratio for K&1 remaining (6) units will redeployed from 9-12 sped.  *HS (20)- RTI M.P. (6), Ag (5), Tech (5), Health (4)*  HS (40)- Staff (8), art (10), math A.H. (5), 5 math RD, SS 10,  Goal: Create 1-1 iPad ratio for special education students- (40) units. |
| Excise Equipment  iPads-none  laptops- \_\_\_\_ |  |  | Goal: Shift resources/units from labs to classrooms, except for Mac Labs.  2014-2015 Deployment completed by June 30, 2015 |
|  |  |  | *(Chromebook $400 each and cart $1500 each)* |

Funding Source: Lease, Grant, Hardware, Smart Schools, Other (**T**ext, **I**nsurance, **S**upply)

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|  | **Replacement Equipment - Lifecycle** | **Expand Equipment Inventory** | **Infrastructure** | **Notes**: |
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| **2015/16** | Projection Systems  Projectors & Mountings (12) |  | School Tools- License Fee Prepay (12,000) | Goal: Projector replace anticipated by June 2016 =12  \*38 projection systems to go + 5 additional future spaces |
| Teacher Equipment  iPads ( )  Desktops ( )  Laptops ( ) all replaced  Chromebook ( ) |  | Wireless Access Points (16) *$850 each* | All faculty computers replaced last year. |
| Staff Equipment  iPads (5 @ 64GB)  Desktops ( )  Laptops ( )  Chromebook (20, 135, 12-RTT) | Robotics  LEGO Robotic Kits (18)  Tetrix Robotic Kit (15) | Security | Goal: Transition K-6 teacher to 64 GB iPads (initially target high need users) over 2 years (22 ES classroom teachers + 2 District Office= 24 total).  Goal: Complete 2-1 ratio for LEGO Robotics kits (grade 8) |
| Student Equipment  iPads ( 30 ) not ordered  Desktops ( )  Laptops ( )  Chromebook ( ) | Chromebook (135, 20)  Chromebook Carts (6 + 1) | Disaster Recovery Upgrade | Goal: At grade 5 create 1-1 Chromebook ratio by purchasing 55 units over 1 year.  Year 1: Purchase (55) units for 1-1 student ratio.  Goal: Create ES mobile lab chromebooks (20)  Create ES mobile lab chromebooks (20)  Goal: Purchase Chromebook (20) for science wing (Caitlin).  Goal: At grades 9-12 purchase Chromebook (60) and 3 carts for ELA, and Social Studies, 7/8 Team for 6 ELA/SS classrooms to share. |
| Printers  3 HP Laserjet M400 |  |  | Goal: Replacement of existing printers 3 per year for next 3 years.  2015-2016 Deployment completed by June 30, 2016 |

Funding Source: Lease, Grant, Hardware, Smart Schools, Other (**T**ext, **I**nsurance, **S**upply)

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|  | **Replacement Equipment - Lifecycle** | **Expand Equipment Inventory** | **Infrastructure** | **Notes**: |
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| **2016/17**  **2017/18**  **2018/19** | Projection Systems  Projectors & Mountings (23) |  | School Tools & SIS Transition  ($59,000 for 1st year) | Goal: Complete all projector replacements (43) systems=86K  12 Projection Systems Installed  25 Projection systems ordered through SSBA |
| Teacher Equipment  iPads (346 )  Desktops ( )  Laptops ( )  Chromebook ( ) |  | Wireless Access Points (16) *$850 each*  Ordered through SSBA  \* Focus on grades 5-8, paid by e-rate  Wire Management; replace camera line for digitals; add network lines/classrooms to closets; power upgrades. | Goal: Purchase iPad charging station for K & 1 classrooms (6). = $1800  Goal: Complete replacement of K-6 teachers (46) to 64gb iPads\*\*.  Goal: Replace original ipads for faculty (140), purchased 2012-13\*\*  Goal: Replace original ipads for faculty (206), purchased 2013-14\*\*    *Goal: Purchase photogates with timers and infrared thermal guns for HS science & technology.*  *Goal: Purchase sparkvue HD app, Sparkvue Atir, PASPORT Airlink 2, and Adv. Biology Bundle.* |
| Staff Equipment  iPads ( )  Desktops (15)  Laptops (5)  Chromebook ( ) |  | Security  Digital Cameras (28) to replace analogs.  Update exterior entry-swipe card system  Digital Camera (22) to expand coverage.  Approximately $250 K  Update PA system  New Visitor ID & Staff ID system RFID  Cost TBD | Goal: Replace all staff desktops (15) units.  Goal: Replace laptops for administration team (5) units.  Goal: Replacement of existing printers/ 3 per year at $600 each  Goal: Replace original ipads for staff (\*\*), purchased 2012-13  Goal: Replace original ipads for staff (\*\*), purchased 2013-14 |
| Student Equipment  iPads (\*\* )  Desktops ( )  Laptops ( )  Chromebooks (438) |  |  | Goal: Replace original ipads for students (\*\*), purchased 2012-13-(100 units)  25 Ipads Text Funds 2015/16, 75 iPads ordered through SSBA  Goal: Replace original ipads for students (\*\*), purchased 2013-14  Goal: At grades 2, 3, & 4 create 1 +1 ratio Chromebook for all grade 2-4 classrooms. Two year total (143) units. Ordered 1 to 1 for 4th Grade (55 units) through SSBA  Goal: At grade 7 & 8 create 1-1 Chromebook ratio at 7th & 8th grade by purchasing 55 units for each grade level. Ordered through SSBA-- 110 units ordered  Goal: 1-1 Chromebook carts with 20 each for each classroom, total of 300-80= 220.  Cost: 220 x 360= 79,200 + carts (25) x 1600 = 40K  Ordered through SSBA- 60 Chromebooks, includes plugs and ac adapters, plus 3 carts |
|  |  |  |  | 2016-2017 Deployment completed by June 30, 2017 |