

Summary of Fund 101 Millage Projects for 2015-16

PRESERVE "A" RATED ACADEMIC, VOCATIONAL, ARTS AND ATHLETIC PROGRAMS

ePathways & Career / Vocational Education

Project 6632 – Elementary School Innovation

Jason Wysong

- ES Kindergarten Coding Support/Expansion: Funding for elementary schools includes continuing support for kindergarten coding and curriculum writing to expand to additional grade levels.
- ES Digital Tool Certificate Pilots: Curriculum pilots for digital tool certificates for students in grades 4/5.
- ES Career Capstone Development: Support for SCPS personnel to explore development of an elementary grades capstone project that is focused on identifying secondary education and career-study pathways.
- ES Makerspace Support: Equipment/supplies/professional development to create an additional makerspace/fabrication lab at one elementary school.

Project 6633 – Middle School Innovation

Jason Wysong

- MS ePathways iJourney Series Expansion: Funding for middle schools includes expansion of the iJourney series for equipment/device purchases at selected middle schools.
- MS iJourney Series Curriculum Updates/Virtual Conversion: Support conversion of the iJourney blended learning courses to a virtual format.
- MS Digital Tool Certificate Licenses: Site licenses for digital tool certificates.

Project 6634 – High School Innovation

Jason Wysong

- HS TV Production Studio Completion - Funding for high schools includes refresh of television production studios (for equipment) at two high schools (Lake Brantley HS & Lake Howell HS).
- HS Program Refresh: Equipment/supply upgrades at multiple high schools to be determined based on ongoing needs analysis.
- HS Interior Design Lab Equipment for Industry Certified: Upgrade of interior design programs (for equipment) at two high schools (Hagerty HS & Seminole HS).
- Supplies & repairs for advanced manufacturing program.
- HS New Industry Certification Program Development: Funding for equipment, supplies, and professional development to develop new programs at selected high schools that lead to industry certification and high-wage/high-demand employment.
- HS Pilot MOOC Development: Support for SCPS personnel to develop a pilot massive open online course (MOOC) for high school credit.
- HS Differentiated PD: Continuing millage projects include differentiated professional development for high school CTE teachers to learn competencies needed to offer new industry certification exams.
- HS ePathways Courses: Personnel and supply costs for up to 10 ePathways after-school CTE courses (Lake Brantley: cosmetology, interior design; Lake Howell: culinary; Lake Mary: computer-aided design, manufacturing; Oviedo: automotive service, interior design; Seminole: automotive collision, private pilot operations; Winter Springs: culinary).
- HS Crooms AA Year 2: Extended contract to provide assistance in oversight of growing enrollment in the AA program.

- HS Workplace Learning/Internships Ongoing Support: Needs related to expansion of workplace learning opportunities including internships.

Project 6640 - K-12 Innovation

Jason Wysong

- K-12 Teacher Technology Training (Lynda.com): Funding for projects impacting students and teachers in grades K-12 include increased, on-demand technology training for teachers and students through a site license to Lynda.com
- K-12 Virtual Course Development: Support for SCPS personnel to engage in the development of one or more virtual courses to reduce reliance on Florida Virtual School franchise courses
- K-12 Summer Workplace Learning for Teachers: Support for SCPS personnel to participate in Summer 2016 workplace learning experiences.

School Based Technology and Infrastructure

Infrastructure

Project 6620 - Wireless Expansion and Refresh

Tim Harper

Provides expansion of current wireless network to support digital and blended learning.

Project 6621 - Instructional Network Upgrades - Servers at Schools

Tim Harper

Replacing outdated file servers at various schools. Also virtualizing many of the new servers to take advantage of cost efficiencies that include Hyper-V from Microsoft rather than VMware.

Project 6622 - Windows Servers

Tim Harper

Windows Servers for Hyper-V Cluster

- Necessary replacement of ESC servers currently running Active Directory Administration.
- Cluster will house System Center Management (SCCM), another component of our Microsoft solution for Windows updates and EndPoint antivirus protection. Future plans are to scale system on the Hyper-V cluster so that the SCCM solution will provide for technology inventory and help desk ticketing.

Windows Servers Replacement - Provides refresh of aged Dell servers that support Active Directory (Domain Controllers), administrative file sharing and critical applications.

Additional Hard Drives for Servers - Provide increased hard drive capacity for four physical servers.

Project 6623 - Windows SQL Database Server Consolidation

Tim Harper

- Consolidate numerous SQL databases across multiple physical and virtual servers onto a single, highly powerful cluster.
- Establishing a SQL server cluster insures database redundancy and allows for more efficient management.

Project 6624 – Backup Server and Area Network Switch

Tim Harper

Windows Server to Replace HP-UX Backup Server

- Migrate backup server from legacy HP UNIX hardware to a Dell server running Windows.
- Increase backup performance and decrease the time required for backup completion.

Backup Area Network (BAN) Switch

- The current backup switch supports 2GB fiber connectivity which greatly limits backup data throughput.
- Move from 2GB to 8GB connectivity to increase backup throughput.

Project 6625 – Migration of County Fiber

Tim Harper

Migration of four elementary schools from cable to County fiber optics.

- Upgrade data and voice communication for remaining elementary schools to 10GB.
- More effectively support digital and blended curriculum and computer-based testing.

Project 6630 – World Language Labs

Minnie Cardona

13 World Language Labs and Equipment - One Lab at each of these schools: Hagerty High, Lake Brantley High, Lake Howell High, Lake Mary High, Lyman High, Oviedo High, Seminole High, Winter Springs High, Jackson Heights Middle, Forest City Elementary, Spring Lake Elementary, Layer Elementary, and Red Bug Elementary.

Network Upgrade and Voice over IP (VoIP)

Project 6626

Tim Harper

IP TV Transition

- Moving from current analog to digital for broadcasting.
- Provides cost savings by removing need to run coax cable.

Network Upgrade and Voice over IP (VoIP)

- Upgrade the network switch infrastructure at remaining SCPS locations.
- Purchase VoIP vendor hardware (e.g. Mediant Gateways) to support Session Initiation Protocol (SIP) communication at all SCPS locations.
- Purchase appropriate phones for all SCPS locations.
- Purchase required licensing and maintenance in support of unified voice communication.

Technology Applications

Project 6627

Tim Harper

Replace Volunteer/School Sign-In/Bus Driver Check-In

- Several legacy systems are at or beyond their life cycle and are in need of replacement.
- Both systems were developed in-house and are running on older databases. A primary risk associated with not upgrading/replacing each system is a critical failure and being unable to repair the application.

District Web Site Rebuild - Complete rebuild of current SCPS web site (SCPS.US). The new web site will be adaptive in order to render properly on multiple device displays, including mobile devices.

SynreVoice SchoolConnects - Continuing Pilot

- Primary communication system for making attendance calls.
- System also serves as the communication system for the district, allowing for mass phone calls, emails, and text messages to be sent to parents.

Informa Software – 4390 - Second year support/maintenance for document imaging, per annual agreement contract.

Presentation Systems

Project 6628 –150 Presentation Systems including installation

Tim Harper

School Technology Equalization

Project 6629

Tim Harper

Elementary School STEM Labs

Project 6690 – Elementary School STEM Labs F & E

Joseph Ranaldi

Furniture and equipment for STEM labs

Project 8447 – Elementary School STEM Classrooms

Joseph Ranaldi

Approximately 60 classrooms will be remodeled during the 2015-2016 school year to provide elementary schools with STEM labs to support elementary departmentalization. The following 18 elementary schools were selected this year:

- Altamonte Elementary – (3) 5th grade classrooms
- Bear Lake Elementary - (4) 5th grade classrooms

- Bentley Elementary – (4) 5th grade classrooms
- Casselberry Elementary – (3) 5th grade classrooms
- English Estates Elementary – (3) 5th grade classrooms
- Forest City Elementary - (4) 5th grade classrooms
- Heathrow Elementary - (4) 5th grade classrooms
- Highlands Elementary – (3) 5th grade classrooms
- Idyllwilde Elementary – (3) 5th grade classrooms
- Keeth Elementary – (3) 5th grade classrooms
- Lake Mary Elementary - (4) 5th grade classrooms
- Lake Orienta Elementary – (3) 5th grade classrooms
- Layer Elementary – (3) 5th grade classrooms
- Midway Elementary – (4) 5th grade classrooms
- Spring Lake Elementary - (3) 5th grade classrooms
- Stenstrom Elementary - (3) 5th grade classrooms
- Wicklow Elementary – (3) 5th grade classrooms
- Winter Springs Elementary - (3) 5th grade classrooms

Early Childhood

Project 6661 – Great Start-Pathways to Success

Analynn Jones

- Salary and benefits for Great Start Social Worker
- Great Start contracted team for training
- Bags for newborn babies and printed materials
- Training costs (supplies, materials, curriculum)

Project 6662 – Voluntary Pre-K Expansion

Analynn Jones

Curriculum, materials, supplies, and technology for new classrooms.

Extra Hours of Instruction

Anna-Marie Cote

Project 6650 - Hamilton, Midway and Pine Crest - 180 extra hours of instruction per school. (Includes cost of transportation).

Health and Fitness

Anna-Marie Cote

Project 6651 - Maintain Elementary Staffing to enable schools to continue to provide recess and play.

Upstanders Anti-Bullying Initiative

Shelia Windom

Project 6610 – The program will be offered at all 12 middle schools and will include fieldtrips and classroom presentations as well as parent training.

Transportation Video & Global Positioning System

Julie Murphy

Project 6619 – Upgrade antiquated video systems on 65 buses and provide GPS systems for 20% of the fleet.

Gifted Testing

Project 6652 – Gifted Testing

Michelle Walsh

RETAIN HIGHLY QUALIFIED TEACHERS

Professional Development

School Based and Summer Professional Development

Project 6680 – School Professional Development

Corbet Wilson

This will provide the schools the same level of Professional Development funding that they have received the last two years.

Project 6681 – Teacher of Gifted Endorsement Training

Corbet Wilson

Continue to provide training necessary for the gifted endorsement.

Project 6683 - Summer Professional Development

Corbet Wilson

Provide another robust summer conference in 2016 as was provided in 2015 (Power of You).

Compensation for In-Service Stipends and Curriculum Writing

Project 6682

Corbet Wilson

Increased Compensation for In-service Stipends and Curriculum Writing - continue to fund all district-based training stipends at the rate of \$100 for six hours and \$50 for three hours. These funds will also continue to fund Curriculum Writing at an additional \$10 per hour.

New Teacher Support

Project 6670

Corbet Wilson

Stipends for mentoring new teachers: elementary school-wide mentors \$600, middle school-wide mentors \$1,000 and high school-wide mentors \$1,500. Stipend for Alternative Certification Program Mentors \$800 x 60. Substitute days for observation purposes for new teacher and new teacher mentor.

REPAIR AND MAINTAIN SCHOOL BUILDINGS

School Campus Safety & Security

Project 6611 – Campus Safety & Security

Bob DeVecchio

- Assess/Restore/Upgrade Security Camera Systems
- Keyless Entry Lock Installations

Project 8448 – Campus Safety & Security - Fencing

Joseph Ranaldi

Fencing at the following school campuses: Eastbrook Elementary, English Estates Elementary, Geneva Elementary, Greenwood Lakes Middle, Hamilton Elementary, Highlands Elementary, Lake Mary Elementary, Lawton Elementary, Layer Elementary, Lake Orienta Elementary, Lyman High, Midway Elementary, Rock Lake Middle, Stenstrom Elementary, Wekiva Elementary.

Project 6613 – Custodial Disinfection Equipment

Joseph Ranaldi

Project 8242 – Upgrade PA Broadcast System

Joseph Ranaldi

Upgrade Public Address Broadcast Systems for Code Red Lock Downs throughout the District.

Project 8243 – Voice EVAC Systems

Joseph Ranaldi

Install F.A.- Voice EVAC Systems (code issue) throughout the District.

Replace School Fire Alarm Systems

Joseph Ranaldi

Project 8244 - Replace school fire alarm systems at Wilson ES, Lake Howell HS, Hagerty HS, and Lake Mary HS.

School Capital Outlay

Project 6616 – Additional School Capital Outlay Funds

Joseph Ranaldi

Increase School Capital Outlay allocations for all schools estimated as follows: Elementary Schools total from \$277,852 to \$555,704; Middle Schools from \$113,034 to \$266,068; High Schools from \$102,650 to \$205,300.

Project 6618 – Midway Safe Harbor Upgrades

Joseph Ranaldi

Midway Safe Harbor Facility Upgrades including repair and modernization of restrooms, HVAC and additional storage.

Project 8103 – Paving Upgrades

Joseph Ranaldi

The following school campuses have paving projects planned: Bear Lake Elementary, English Estates Elementary, Layer Elementary, Partin Elementary, Sterling Park Elementary, Wilson Elementary, Milwee Middle Track, Rock Lake Middle, Lake Howell High, Lyman High and Seminole High. All are paved parking areas unless otherwise noted. This work is for seal coating and restriping.