K-12 SCHOOL TECHNOLOGY INITIATIVE COMMITTEE
MEETING MINUTES

Meeting Date	June 28, 2018
Meeting Location	Division of Technology 4430 Broad River Road, Columbia, SC 29210
Facilitator	Keith Osman
Note Taker	Gay Hoyer
Attendees	Keith Osman (DTO), John Bane (DTO), Steven Lake (Admin), Andrew Epting (Admin), Karen Rumfelt (Admin), Petra Turner (Admin), Robert Nichols (Admin), Mike Shelton (Admin), Melanie Barton (EOC), Denise Lyons (SCSL), Chris Yates (SCSL), Bobbi Kennedy (SCETV), Dean Byrd (SCETV), Brian Pratt (SCDE), Betsy Carpentier, Beth Shull (AT&T), Lynn Fralick (Spirit), Mark Leslie (Richland Dist. One)

AGENDA ITEMS

Agenda Item 1	Approval of Minutes	Presenter:	Keith Osman

1. Keith asked for a motion to approve the K-12 minutes from the April meeting. Minutes were approved without corrections or changes.

Agenda Item 2	E-Rate Status/K-12 Network Status	Presenter:	Andrew Epting

FCC/USAC News
1. Geoffrey Starks has been nominated to succeed FCC Commissioner Mignon Clyburn. Starks currently serves as an Assistant Bureau Chief at the FCC's Enforcement Bureau.
2. Client Services Bureau is now being staffed by Chesapeake, Virginia-based Sutherland Global Solutions. Reports of long wait times and mediocre rates of resolutions are being monitored by USAC management.

SC E-Rate Consortia Update
1. 2017-18 Current: E-Rate Funding Year (07/01/2017 – 06/30/2018)
    a. Waves 52-55: No FCDLs (Division of Technology)
        - There is a total of 984 Funding Request Numbers (FRNs):
        - 876 FRNs have been funded, 4 FRNs are pending and 104 FRNs cancelled/denied.
        - Approximately $38.7 million awarded to SC applicants, and approximately $13.2 million has been invoiced as of 06/22/18.
    b. Category 2 Match Program
        - Wave 1 totaled $975,650.57
        - Wave 2 totals $304,532.10
            o Libraries ($27,223.13)
            o Charters ($1,382.50)
            o Plaintiffs ($0)
            o Non-Plaintiffs ($289,236.79)
2. 2018-19 Upcoming: E-Rate Funding Year (07/01/2018 – 06/30/2019)
    a. 850 FRNs (33 Cancelled/Denied: 549 Pending with 493 in Review; 268 Funded-32.8%)
    b. Waves 1-2: $2,371,335.89 (83 of 850 FRNs for 39 entities)
    c. Waves 3-10: $3,059,672.80 (218 of 850 FRNs for 64 entities)
    d. SC E-Rate Consortium Training.
        - June 26th: Targeted E-Rate Training – New Charter Schools, Columbia, SC
        - July 31st: Quarterly E-Rate Virtual Meeting, State Library
3. Cisco Umbrella Update
    a. There is a total of 164 customers, two served as test sites, six already have Umbrella, and ten have declined Umbrella leaving 146 customers.

b. Of the 146 customers, 143 have responded to the technical assistance poll with all but 13 complete. Of the remaining 13 customers, 7 need special support (Saluda, Marlboro, Dept. of Corrections, Cape Romain, Academy of Hope, Dillon ATEC, Barnwell 29), 3 are awaiting Internet service (Bettis Prep, High Point, East Link), 2 were reclassified form Level 5 to Level 3 (SCGSMS, Greer Middle), and 1 is evaluating many technical challenges (FE Dubose).

Agenda Item 3	EOC – General Updates	Presenter:	Melanie Barton

Aid to Districts Technology-Report on Fiscal Year 2017-18

1. This report is provided by the Education Oversight Committee (EOC) to the K-12 School Technology Initiative Committee Pursuant to Proviso 1A.84. of the 2017-18 General Appropriations Act.
2. In Fiscal Year 2017-18 the appropriation was $12,271,826.
3. This report documents how an additional $12 million in EIA funds, appropriated by the General Assembly directly to school districts for technology, were expended in Fiscal Year 2017-18. These funds, previously known as the K-12 Technology Initiative, are to improve external and internal technology infrastructure and to increase one-to-one computing initiatives in schools. The report includes information on efforts made by school districts to obtain reimbursements through the federal E-Rate program. The data provided are self-reported by all 82 school districts, including the SC Public Charter School District (100% participation).
4. Of the $12 million funds:
    a. $350,000 was retained by SCDE to provide technology technical assistance to school districts.
    b. Approximately 11.6 was allocated to 82 school districts and $44,765 to special schools.
    c. In FY 2017-18 school districts reported having $22.0 million in funds for technology - $11.6 million in EIA funds allocated during the current fiscal year and $10.4 million in funds carried forward from the prior fiscal year, 2016-17, to the current fiscal year 2017-18.
    d. Of these available funds, school districts reported that they will expend 81% or $17.8 million and will carry forward 19% or $4.2 million into Fiscal Year 2018-19.
    e. Of the funds to be expended in Fiscal Year 2017-18, districts reported that they will spend $17.8 million accordingly:
       • 54% on expanding and developing 1:1 computing initiatives through the replacement of existing devices and the purchasing of new devices.
       • 22% on improving internal connections.
       • 22% on other non-approved expenditures as reported by 12 school who did not receive waivers from the K-12 School Technology Initiative Committee.
       • 2% spent on improving external connections.
       • Less than 1% on approved waivers.
    f. Of the funds to be carried forward to Fiscal Year 2018-19, districts reported that they will carry forward $4.2 million and expend these funds accordingly:
       • 61% on improving internal connections.
       • 33% on expanding and developing 1:1 computing initiatives through the replacement of existing devices and the purchasing of new devices.
       • 4% on improving external connections.
       • 2% on other expenditures.

Agenda Item 4	2018-19 Budget Requests	Presenter:	Karen Rumfelt Robert Nichols

1. The following have submitted Budget Requests for Fiscal Year 2018-19:
    a. Department of Administration is requesting $12,377,269.90.
       • $7,683,498.40 for E-Rate Consortium Network Connectivity Costs. (Non-Discretionary)
       • $8,100 for E-Rate Field Training and Outreach. (Non-Discretionary)
       • $1,085,671.50 for DNS-based Internet Security License renewal. (Non-Discretionary)
       • $2,600,000 Category 2 Network Infrastructure Match. (Non-Discretionary)
       • 1,000,000 for Non-E-Rate Network Infrastructure Match. (Discretionary)
    b. SC State Library is requesting a total of $198,500. (Discretionary)

- The total amount requested is the Learn 360 which is a cloud-based digital media database of over 130,000 resources designed for use by teachers and students in classroom and at home. The multi-media content is for Pre-K – Grade 12 and includes teacher guides, videos, speeches, interactives, images, maps, science experiments and much more. All significant subject areas are included and the resources are from more than 200 top educational producers including: A&E, Reading Rainbow, National Geographic, Jim Henson and Weston Woods.

c. Department of Education is requesting a total of $977,522.64. (Discretionary)

- $377,522.64 is being requested to upgrade to the Avamar Data Domain Backup/Recovery system. Add 120TB (96TB useable) of storage to each of the Avamar devices. The main or target device is located in Columbia. The secondary or replication device is located at Clemson. This will provide data backup and recovery services to those school districts needing extra assistance. Several districts have experienced malware attacks and a couple of those did not have proper data backups.

- $600,000 is being requested to fund a Pilot for District Security and Privacy Analyst Advisor Team which will:
  o Hire and deploy a team of security professionals to assist, standardize and implement a series of control policies conducive to school district operations with respect to information and data security.
  o Provide for adoption by local school boards, a tiered approach to information security policies parallel to the state's mandated information security policies based on student population.
  o Provide vulnerability testing and guidance on risk mitigation in a cooperative manner regardless of school district attendance population.
  o Provide annual analysis to the SC Dept. of Education, SCASA and SCASBA on the best ways to combat new threats to schools and school districts.
  o Provide a centralized point of contact in order to disseminate, document and track, new and evolving threats to the K-12 environment.

d. SC ETV is requesting a total of $138,550. (Discretionary)

- The total amount requested is for Knowitall.org Content Upgrade for One-to-One learning. Knowitall features a wide assortment of over 8,100 media assets created by SCETV with a variety of Pre-K partners. This past fiscal year, knowitall.org received over 359,232 sessions, 273,159 users and 1,399,662 pageviews. All video, audio, documents and images are available to share easily inside Google Classroom for student assignments. Many SCETV owned assets are downloadable making it easy for teachers to use in the classroom without relying on Internet access.

- Google analytics; feedback from trainers, teachers, SDE and funding content partners determine the needs for Knowitall sites and resources to be converted or updated. Newer marketplace formats will be more accessible, such as $HTML_5$, CSS_3, and EPUB. Knowitall continues to be a valued resource with approximately 359,232 sessions during the 2017-18 school year.

2. If all "Discretionary" requests are honored there will be a shortfall in the budget so next meeting we will need to determine which items cannot be funded in order to balance the budget.

Agenda Item 5	Committee Open Discussion	Presenter:	Keith Osman

a. The Principals Meeting has been scheduled for August 29th at 2pm at the Department of Administration-Wade Hampton Building

Next Meeting	July 26, 2018
Location	Division of Technology, 4430 Broad River Road, Columbia, SC 29210