

WEST ORANGE-COVE CONS ISD Technology Plan for E-Rate Year 19

2016 - 2019

Rickie Harris
SUPERINTENDENT

DISTRICT PROFILE

ESC Region: 5
City, State Zip: ORANGE, TX 776311107
Phone: (409) 882-5600
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Number of Campuses: 4
Total Student Enrollment: 2411
District Size: 1,600 - 2,999
Percent Econ. Disadvantaged: 90.00%

Technology Expenditures: \$507,000.00
- Teaching and Learning Budget: \$52,000.00
- Educator Preparation and Development Budget: \$194,500.00
- Leadership, Administration and Support Budget: \$98,500.00
- Infrastructure for Technology Budget: \$162,000.00

Technology Expenditure Per Pupil: \$210.29
Number of Campuses with High-Speed Broadband Internet Access: 4
Percentage of Campuses with High-Speed Broadband Internet Access: 100.00%
Number of Classrooms with High-Speed Broadband Internet Access: 213
Percentage of Classrooms with High-Speed Broadband Internet Access: 100.00%
Computer/Student Ratio: 2 student(s) for every computer
Computer/Teacher Ratio: 1 teacher(s) for every computer
Number of campuses that need to complete the Texas Campus STaR Chart: 4
Percentage of campuses that have completed the Texas Campus STaR Chart: 0.00 %

PLAN INTRODUCTION

Plan Last Edited: 06/03/2016

Technology Planning Committee:

2015-2016 Technology Committee Assistant Superintendent of Curriculum and Instruction Dr. Silvia Martinez, Director of Technology Elvis Rushing, Aimee Hebert Transition/CTE Coordinator; WOSHS Principal Rod Anderson, Dean of Instruction Ronald Wright, Teacher Selwyn Dews, Teacher Kimberly Herrera; Middle School Principal Dr. Anthony Moten, Dean of Instruction Jennifer Tippett, Assistant Principal Ray Lavan, Teacher Denise Willingham, Teacher Ebony Doffeny, Elementary Principal Glenetta Henley, Dean of Instruction Ashton Knox, Teacher Sandi Meche, Teacher Yokisha Hope, MB North Early Learning Center Principal Sherry Hardin, Teacher Kathryn Knobloch

EXECUTIVE SUMMARY

The Vision for Technology in the West Orange-Cove Consolidated Independent School District provides a framework for enhancing education and business functions using technology. Since 1997 the District has made great strides in making technology available at every campus and administrative building. This plan integrates and institutionalizes the technology transforming the infrastructure into a transparent tool with a unifying effect on all aspects of education and administration. There are several over-arching themes that comprise the plan: 1. Integrate technology into the curriculum to enhance the educational process for every student and teacher 2. Provide a unified information management system with easily accessible student and business information to authorized users 3. Provide access, to information for parents, students, and the community outside the physical school environment 4. Provide support that is efficient, timely, and cost effective to ensure technology is available when needed 5. Create architectures, procedures and standards that allow for technology evolution and streamline regular and frequent processes Technology is changing the classroom landscape. At the end of this three-year Technology plan, it is expected, that every student will have an access device that is used as an integral part of daily instruction. Access to the Internet, collaboration and editing tools, instructional software, and electronic notes will be available instantly from anywhere within the school environment as well as via common communication means outside the school. This environment will promote increased parent and community involvement and facilitate communication with schools. Mission Statement The mission of the West Orange-Cove Consolidated Independent School District, as a progressive

multicultural community, is to graduate students able to reach their potential and excel in a diverse society as productive, responsible citizens by utilizing an innovative curriculum, outstanding facilities, patrons' special talents and unique business/industry partnership. The Vision The West Orange-Cove District vision is to use technology as a tool to enhance teaching, learning, and student achievement as we prepare students for the 21st Century. Students will be required to use technology to access, explore, investigate, analyze, evaluate and create ideas. In order to be competitive in the global marketplace students must arrange information into meaningful forms for communication and decision-making. To facilitate life-long learning and promote school-community interaction, the West Orange-Cove Consolidated Independent School District will enable students and staff to effectively participate in a rapidly changing world by providing access to technological resources and by supporting innovation. The West Orange-Cove Consolidated Independent School District holds the following beliefs regarding the role of technology that: Technology promotes change Technology can become a catalyst for educational change, ultimately resulting in restructuring Staff development, technical support, and learning accessibility of equipment are essential for effective use of technology in WOCCISD Technology can be used as a tool to develop and integrate curricula Teachers can use technology to enhance instruction Technology is an invaluable management tool that can assist in making informed decisions The successful integration of technology requires a comprehensive long-range technology plan The Board of Education believes that the development and deployment of a technology infrastructure should: Enhance student performance ensure effective use of WOCCISD resources Ensure availability of information, provide direction and focus for technology Provide timely and accurate information about students Provide quality support and services and meet State mandates The technology infrastructure was envisioned as a means of providing administrative and instructional information in a timely and efficient manner so that administrators and teachers can focus on the primary task of educating students with a minimum of interruption for dealing with administrative and procurement tasks. Before creating our technology plan, we conducted a comprehensive inventory of our existing telecommunications, computer, and networking facilities. We also include, as a foundation for the next section of our technology plan, information about our existing configurations and uses of technology. This material will be useful for establishing the specific technology needs in administrative and instructional areas in the next three to five years. Count Equipment Type 20 Servers 225 Data Projectors 960 PCs (Windows XP or better) 500 Laptops 135 iPads 150 Wireless Access Points 150 Switches/Router 50 Interactive Whiteboards 30 Document Cameras 2220 Totals Since 2000 West Orange-Cove CISD has aggressively worked to reach the 1:1 Ratio for both student and teachers using a combination of workstations, laptops, and handheld computers. The ratio gap has been closed from 3:1 in 2000 to 1.3:1.

NEEDS ASSESSMENT

Assessment Process: One element of the needs assessment is the previous completions by teachers and principal of the STaR Chart. The district had a majority of teachers on each campus complete the chart. Also input was gathered through other district committees during the 2015-2016 school year

Needs were also brought to the technology planning committee from each campus through the planning subcommittee members. Technology plan indicators were shared throughout the district. Principals and site-based committees met to determine campus specific needs and processes currently deployed that meet state standards for educators and students. In addition, special services provided information concerning current needs for assistive technologies, provide additional funding to provide teachers and diagnosticians the opportunity to participate in a statewide technology conference, and provide guidance in designing objectives to support student achievement on the SDAA-II and TAKS-ALT requirements.

The community had input through the community technology committee member concerned about increasing two-way communications between educators and home.

Existing Conditions:

All classrooms are wired with at least four data drops with the majority having five. Our Elementary campus was newly built and occupied during the 2010-2011 school year and has 12 drops per classroom. Wireless is available throughout the district through campus LANS. Most access points are 802.11g with a few 802.11b with 802.11n deployed at our elementary campus during the summer of 2010. During the 2015-2016 school year the Pre-K, Middle and High School Campuses were updated with N-based wireless access points with cloud management.

The district WAN backbone is comprised of Gigabit fiber service to all the district sites. The gigabit backbone extends to computer labs.

Count Equipment Type

20 Servers
225 Data Projectors
960 PCs (Windows XP or better)
500 Laptops
135 iPads
150 Wireless Access Points
150 Switches/Router
50 Interactive Whiteboards
40 Document Cameras

2230 Totals

Technology Needs:

Several overarching needs have been identified in as indicated by previous STaR Chart results and committee discussions

- 1) Obtain more consistent STaR Chart results between campuses
- 2) Create a district-wide awareness of available technologies and appropriate uses
- 3) Educate all employees about the increasing accountability for implementing technology in all content areas
- 4) Implement broader, time flexible professional development offerings

The committee determined a common desire district-wide is to hire certified full-time professionals as campus-based instructional technologists to assist in creating seamless classroom technology usage.

WOCCISD should offer basic computing classes to community members and parents outside of the regular school day.

Continue to sustain and enhance WAN and LAN infrastructures

Additional professional development is needed for faculty and staff in all levels of technology usage

Increase usability of existing WAN access to accommodate intensive use of online graphics, audio, video instructional materials

Strive to continue recycling of end-user equipment needs increase budgeting and redistribution of aging equipment, needs to be cycled to 3 to 5 years.

GOALS, OBJECTIVES, AND STRATEGIES

Goal 1: Improve student academic achievement to exemplary through the incorporated appropriate use of technology required to support student achievement and lifelong learning through information acquisition, critical thinking, problem solving, and communication.

Objective 1.1: 100% of students will be technologically literate by the time they complete the eighth grade

Budget for this objective: \$180,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 03 04a 05 06 07 08 12

Strategy 1.1.1: Provide full-time certified teacher campus level instructional technologists to promote seamless technology integration in the classroom

State: Original

Status: Planned

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Board of Trustees, Assistant Superintendent of Curriculum and Instruction, Director of Instructional Technology

Evidence: Identification and hiring of campus level technology instructional technologists

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP07, EP08, EP09, LAS01, LAS09, LAS10, LAS12, TL01, TL04, TL05, TL06, TL08, TL09, TL12, TL13, TL16

Strategy 1.1.2: Establish real world projects for students utilizing technology

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Principals, Teachers

Evidence: Lesson plan documentation, technology check-out lists, student products

Comments:

LRPT Correlates: LAS01, LAS02, LAS04, LAS08, LAS10, LAS12, LAS13, LAS15, TL01, TL05, TL08, TL09, TL12, TL14

Strategy 1.1.3: Schedule and encourage teachers and administrators to observe exemplary technology integration lessons being taught throughout our district

State: Original

Status: In Progress

Timeline: 07/2016-07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Principals, Technology Planning Committee Liasons, Campus Intervention and Leadership Teams

Evidence: Sign-in sheets, teacher and administrator feed-back data

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP07, LAS01, TL08, TL12

Strategy 1.1.4: Provide incentives, such as data projectors, wireless slates, tablet computers, presentation boards and improved Internet access, to encourage classroom usage of technology

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Board of Trustees, Superintendent, Assistant Superintendent of C & I, Director of Instructional Technology, Director of Special Services, Principals

Evidence: Purchase orders, work order requests, budget allocations, lesson plans

Comments:

LRPT Correlates: EP01, I02, I05, LAS01, LAS02, LAS03, LAS07, TL01, TL05, TL06, TL08, TL09, TL12

Strategy 1.1.5: Expand and continue use of Compass Learning for credit recovery at secondary campuses and other credit recovery softwares

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Principal, Teachers

Evidence: Renewal agreements, Compass Learning usage logs, number of students recovering credits

Comments:

LRPT Correlates: I01, I04, I05, I09, LAS05, TL04, TL05, TL08, TL09

Strategy 1.1.6: Use campus professional staff and Professional Learning Communities to demonstrate and train colleagues in technology integration strategies

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Principal, Teachers

Evidence: Sign-in sheets Lesson plans implementing the technologies

Comments:

LRPT Correlates: EP03, I05, LAS01, TL08, TL12

Strategy 1.1.7: Use electronic tools such as Eduphoria and Skyward to track students' performance, analyze the results, and develop improvement plans

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Principals, Teachers

Evidence: Test result logs Inventory DECA, DIAL-3, TPRI, AEIS-IT, Inova Process and other digital results

Comments:

LRPT Correlates: EP01, EP03, I05, LAS01, LAS02, LAS05, TL04, TL07

Strategy 1.1.8: Provide campus-level training including but not limited to: data projectors, interactive whiteboard/devices, digital cameras,touch screens, scanners, tablet computers, online and internal software resources

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Principals, Teachers

Evidence: Sign-in Sheets Documented use in lesson plans Electronic logs

Comments:

LRPT Correlates: EP01, EP02, I05, TL07

Strategy 1.1.9: Create robust technology classrooms by installing Interactive whiteboards(or alternative technology) and mounting data projectors or for whole group inclusion.

State: Original

Status: Planned

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Board of Trustees;Superintendent;Principals;Assistant Superintendent of Instructional Technology

Evidence: Inventory & Purchase Orders

Comments:

LRPT Correlates: EP01, EP04, I01, I02, I03, LAS02, TL09

Strategy 1.1.10: Review and refine Internet safety plan as addressed in CIPA of NCLB

State: Original

Status: In Progress

Timeline: 07/2016 - 07-2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Principals, Teachers

Evidence: Lesson plans

Comments:

LRPT Correlates: EP01, TL13

Strategy 1.1.11: Assess and report Technology mastery of all 8th graders based on the National Educational Technology Standards for Students

State: Original

Status: Planned

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Director of Special Services,Principals, Teachers

Evidence: Assessment results by testing 8th grade class with Learning.com assessment program

Comments:

LRPT Correlates: EP01, LAS01, LAS02, LAS10

Strategy 1.1.12: Implement technology mastery benchmarking at grades 2, 5, and 8 using ISTE standards and TA TEKS.

State: Original

Status: Planned

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of C & I, Director of Instructional Technology, Campus Instructional Coaches, Principals, Teachers

Evidence: Benchmark system and results

Comments:

LRPT Correlates: LAS02, LAS04

Goal 2: All students and staff will have available the necessary technological infrastructure to successfully integrate technology into all areas of the district and optimize the learning environment.

Objective 2.1: 100% of professional staff and students will have access to technological equipment and facilities for successfully integrating technology into all areas of the curriculum

Budget for this objective: \$130,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01 ER02

NCLB Correlates:

Strategy 2.1.1: Monitor and improve administrative procedures for maintaining a district hardware inventory and standardized district hardware purchases

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology, District Technology Staff, Director of Finance Operations

Evidence: Current hardware inventory Current hardware purchasing specifications

Comments:

LRPT Correlates: I04, I05, I06, I07, LAS02, LAS07, TL09

Strategy 2.1.2: Implement, monitor, and document cyclical plan to reposition technology at all campuses

State: Original

Status: In Progress

Timeline: 07/2016-07/2019

Person(s) Responsible: Board of Trustees, Superintendent, Director of Instructional Technology

Evidence: Equipment inventory

Comments:

LRPT Correlates: I01, I02, I04, I05, I06, I07, LAS01, LAS02, TL08, TL09, TL10

Strategy 2.1.3: Include technology infrastructure, equipment, and software in district and campus improvement plans and evaluate implementation

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Principals, Site-based Decision Making Committees

Evidence: District and Campus Improvement plans

Comments:

LRPT Correlates: EP01, EP02, I03, I04, I07, I08, I09, LAS08, LAS09, LAS10, TL01

Strategy 2.1.4: Maintain and enhance the district-wide local area network (LAN), the wide area network (WAN), by increasing bandwidth to Gigabit and beyond as dictated by instructional demands.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Board of Trustees, Superintendent, Director of Instructional Technology

Evidence: Sufficient bandwidth to meet instructional needs, well-maintained and current network equipment, and signed maintenance agreements

Comments:

LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09

Strategy 2.1.5: Purchase additional wireless mobile computer and tablet carts for check-out on each campus as part of the LRPT student 1:1 ratio initiative

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Board of Trustees, Superintendent, Director of Instructional Technology

Evidence: Inventory records, purchase orders

Comments:

LRPT Correlates: I04, I05, I06, I09, LAS14, LAS15, TL08, TL14

Strategy 2.1.6: Maintain instructional equipment and software for: Library management, textbook management, Student attendance and grade book, and electronic lesson planning

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Instructional Materials Allotment Committee

Evidence: Software, inventories, and digital records of grades, attendance, and lesson plans

Comments:

LRPT Correlates: EP03, EP04, I01, I03, I04, I05, I08, I09, LAS02, LAS07, TL04, TL07, TL11

Strategy 2.1.7: Establish a district training lab to accommodate 32 participants

State: Original

Status: Planned

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Director of Instructional Technology

Evidence: Training lab with capacity to serve 32

Comments:

LRPT Correlates: EP01, EP02, EP03, I04, I08, I09, TL08, TL12

Strategy 2.1.8: Upgrade DHCP, Terminal, DNS and application servers and back-up systems leveraging advances in virtualization and SAN technologies

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Board of Trustees, Superintendent, Director of Instructional Technology

Evidence: Current servers and inventory records

Comments:

LRPT Correlates: I01, I02, I04, I06, I07, I08, I09, LAS14, LAS15, TL08, TL14

Strategy 2.1.9: Review and replace substandard network wiring. Increase the number of drops as needed

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Director of Instructional Technology

Evidence: Optimum network wiring meeting current network wiring standards

Comments:

LRPT Correlates: I05, I06, I07, I08, TL09

Strategy 2.1.10: Purchase new equipment to maintain 1:1 educator-to-workstation ratio throughout district

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Board of Trustees, Superintendent, Assistant Superintendent of C & I, Director of Instructional Technology, Instructional Materials Allotment Committee, Campus Instructional Coaches

Evidence: Purchase orders and inventory records

Comments:

LRPT Correlates: EP01, I04, I06, LAS02, TL08

Strategy 2.1.11: Keep annual maintenance agreements of existing equipment current

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Board of Trustees, Director of Instructional Technology

Evidence: Maintenance agreements

Comments:

LRPT Correlates: I05, I07, I08, TL09

Strategy 2.1.12: Maintain and support technical support school-owned equipment placed in community-based study labs

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of Curriculum and Instruction, Director of Instructional Technology, Director of Public Relations

Evidence: Inventory, student sign-in logs, personnel documentation

Comments:

LRPT Correlates: I01, I03, I04, I05, I08, I09, LAS02, LAS04, LAS07, LAS08, LAS10, TL06, TL12, TL14, TL15

Strategy 2.1.13: Provide electronic systems to calculate, maintain, and report financial information, student information, and student progress.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Executive Director of Finance, Director of Instructional Technology, Principals, Teachers

Evidence: Electronic system Professional training sign-in sheets Reports Teacher maintained grades and reports

Comments:

LRPT Correlates: EP03, I01, I05, I07, I08, I09, LAS05, LAS07, LAS08, LAS09, LAS11

Strategy 2.1.14: Continue to seek E-Rate discounts on all telecommunication services such as but not limited to local and long distance telephone services, broadband services, and mobile phones or pagers

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Executive Director of Finance, Director of Instructional Technology

Evidence: Phone bills, E-rate Discounts, 470s, 471s, 472s, 486s and etc.

Comments:

LRPT Correlates: I01, I02, I04, I06, I08

Strategy 2.1.15: Increase bandwidth at the point-of-presence to provide sufficient access to world wide web resources for instructional demands

State: Original

Status: Planned

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Director of Instructional Technology

Evidence: Sufficient access Invoices

Comments:

LRPT Correlates: I01, I05, I06, I09

Objective 2.2: 100% of students and staff will utilize communication resources provided

Budget for this objective: \$50,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 03 04a 08 09

Strategy 2.2.1: Maintain and expand WOCCISD Intranet

State: Original

Status: In Progress

Timeline: 07/2016- 07/2019

Person(s) Responsible: Administrative directors and technology department

Evidence: Increased number of applications - work order systems, calendars, professional development systems, etc.

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, I01, I03, I05, LAS05

Strategy 2.2.2: Leverage online sharing environments such as TexasGateway, Sharepoint, etc to increase and streamline communication

State: Original

Status: Planned

Timeline: 7/2016 - 7/2019

Person(s) Responsible: Assistant Superintendent of Curriculum and Instruction, Director of Instructional Technology, Special Services Director, Campus Instructional Coaches, Principals

Evidence: Online logs and usage reports

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, I01, I03, I05, LAS05

Strategy 2.2.3: Review and maintain SETTEN Internet Service Provider agreement through ESC 5 and transition to providing internet service after SETTEN dissolution.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of Curriculum & Instruction, & Director of Instructional Technology

Evidence: Internet Access and signed SETTEN agreements. Contracts with other internet service providers.

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, I01, I04, I05, I06, I09, LAS03, TL01, TL05, TL08, TL09, TL10, TL14

Strategy 2.2.4: Annually review and regularly maintain campus multimedia lab content software, accessibility & system updates

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of C & I, Principals, Director of Instructional Technology

Evidence: Well maintained labs, inventory, purchase orders

Comments:

LRPT Correlates: I01, I02, I04, I05, I07, LAS01, LAS02, LAS04, TL01, TL04, TL05, TL08, TL10, TL12, TL13, TL14

Strategy 2.2.5: Expand and continue use of Compass Learning for credit recovery at secondary campuses

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Principal, Campus Instructional Coaches, Teachers

Evidence: Renewal agreements, Compass Learning usage logs, number of students recovering credits

Comments:

LRPT Correlates: I01, I04, I05, I09, LAS05, TL04, TL05, TL08, TL09

Strategy 2.2.6: Provide online subscriptions and other software that supports and enriches student academic experience

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Principals, and Teachers

Evidence: Purchase contracts Online subscriptions

Comments:

LRPT Correlates: TL04, TL05, TL08, TL09

Objective 2.3: Expand and continue student access to technology-based learning for all students by providing appropriate assistive devices, services, and support

Budget for this objective: \$2,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 03 04a 04b 05 06 07 10

Strategy 2.3.1: Create student friendly environments in early childhood and special needs populations to improve student success with adaptive equipment such as child sized mice, headphones, display enhancers, height appropriate mounted interactive boards, etc.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Head Start Director, Special Services Director, Director of Instructional Technology, Campus Instructional Coaches

Evidence: Purchase Orders, Campus inventory, Budget allocations

Comments:

LRPT Correlates: EP01, EP03, I02, I04, I05, I09, LAS01, LAS02, LAS13, LAS15, TL08, TL09, TL11

Goal 3: All professional staff will meet teacher SBEC standards through quality professional development

Objective 3.1: Innovative technology usage will be encouraged for 100% of staff through incentives, training, and community outreach.

Budget for this objective: \$14,500.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 03 04a 04b 08 09 10 11 12

Strategy 3.1.1: Provide software-specific teacher training for student software that is research-based such as: interactive whiteboards, handheld computers, tablets, probes, and programs promoting improved achievement in content areas such as reading, math, and science

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology, Assistant Superintendent of Curriculum and Instruction, Principals

Evidence: Training Logs and evaluations Increased student achievement

Comments:

LRPT Correlates: EP01, EP03, LAS01, LAS02, LAS06, TL01, TL02, TL05

Strategy 3.1.2: Refine training guidelines for professional and support staff

State: Original

Status: Planned

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology, Assistant Superintendent of Curriculum and Instruction, Director of Secondary Instruction, Principals

Evidence: Completed training guidelines, sign-in logs Texas STaR Chart

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, LAS01, TL02, TL03, TL05, TL06, TL09

Strategy 3.1.3: Provide increased opportunities for district-level professional development outside the regular school day both online and in person.

State: Original

Status: In Progress

Timeline: 07/2016 - 7/2019

Person(s) Responsible: Assistant Superintendent of Curriculum and Instruction, Director of Instructional Technology and Staff, Maintenance Director

Evidence: Training evaluations, sign-in logs, lesson plans, walk-throughs

Comments:

LRPT Correlates: EP01, EP04, EP05, EP06, I02, LAS06, TL07

Strategy 3.1.4: Pursue grant funds for comprehensive teacher training program (Foundations, State, or Federal).

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology, Assistant Superintendent of Curriculum and Instruction, Federal Programs Director

Evidence: Funded Grants

Comments:

LRPT Correlates: I03, TL01, TL05, TL06, TL07, TL12

Strategy 3.1.5: Encourage attendance to conferences such as ISTE and Texas Computer Educators Association Conferences

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology, Assistant Superintendent of Curriculum and Instruction, Principals, Director of Special Services, Teachers

Evidence: Travel Advance Expense Report Documentation

Comments:

LRPT Correlates: EP01, EP02, EP03, EP05, LAS06, TL01, TL02, TL04, TL05, TL06, TL07, TL09

Strategy 3.1.6: Develop and implement technology proficiencies for staff

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology, Assistant Superintendent of Curriculum and Instruction, Campus Instructional Coaches Principals

Evidence: Proficiency System Testing results Texas STAAR Chart

Comments:

LRPT Correlates: EP04, I01, I03, I08, TL07

Strategy 3.1.7: Pursue grant funds for comprehensive teacher training program (Foundations, State, or Federal)

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology, Assistant Superintendent of C & I

Evidence: Secured grants, implementation of training program

Comments:

LRPT Correlates: I03, I09

Strategy 3.1.8: Attend Region ESC5 Seminars and technology trainings including Back-to-School Technology Conferences

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology and Staff, Director of Special Services, Principals

Evidence: Travel Form Documentation

Comments:

LRPT Correlates: EP05, LAS06, TL02, TL07

Strategy 3.1.9: Provide innovative opportunities for technology integration staff-development.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of C & I, Director of Instructional Technology

Evidence: Training sign-in sheets and Evaluations

Comments:

LRPT Correlates: EP04, EP05, I01, I08, TL01, TL07

Strategy 3.1.10: Encourage campus technology committee members and trainers to attend state and national technology conferences

State: Original

Status: Planned

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Principals, Teachers

Evidence: TAER Documentation Implementation of new strategies

Comments:

LRPT Correlates: EP05, EP06, LAS03, LAS06, TL08

Objective 3.2: People infrastructure will be provided for technology support at campus levels.

Budget for this objective: \$70,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER02

NCLB Correlates: 04a 04b 12

Strategy 3.2.1: Pursue grant funds for comprehensive teacher training program (Foundations, State or Federal).

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology, Assistant Superintendent of C & I

Evidence: Secured grants, implementation training program

Comments:

LRPT Correlates: I03, I09

Strategy 3.2.2: Utilize best practices to increase flexibility of teacher access to library.

State: Original
Status: In Progress
Timeline: 07/2016 - 07/2019
Person(s) Responsible: Superintendent, Director of Instructional Technology, Assistant Superintendent of C & I, Principals, Assistant Principals, Librarians, Technology Specialists, Staff
Evidence: Lesson plans, increased student achievement, campus master schedules
Comments:
LRPT Correlates: TL11

Strategy 3.2.3: Provide district-level technology personnel to maintain all technology equipment
State: Original
Status: In Progress
Timeline: 07/2016 - 07/2019
Person(s) Responsible: Superintendent, Director of Instructional Technology
Evidence: Number of District level technology FTE's Payroll
Comments:
LRPT Correlates: I05, I07, I08, LAS15, TL12

Objective 3.3: District staff and community will be informed about district technology issues and progress.
Budget for this objective: \$9,000.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates:
NCLB Correlates: 06 09 10

Strategy 3.3.1: Communicate technology information to students, parents and staff through school newsletters, handbooks, distance learning, and district network
State: Original
Status: In Progress
Timeline: 07/2016 - 07/2019
Person(s) Responsible: Director of Public Relations, Director of Instructional Technology, Assistant Superintendent of C & I, Principals, District Educational Improvement Committee, Campus Instructional Coaches
Evidence: Published newsletters, handbooks, media, website, and other resources
Comments:
LRPT Correlates: I09, LAS03, LAS04, TL05

Strategy 3.3.2: Communicate technology information to the community and the availability of technology for community volunteers by using local newspapers, the Internet, public broadcasting, informational seminars and speaker's bureau
State: Original
Status: In Progress
Timeline: 07/2016 - 07/2019
Person(s) Responsible: Director of Public Relations, Director of Instructional Technology, Assistant Superintendent of C & I
Evidence: Published newspapers, Web-site, broadcasts, call outs, etc.
Comments:
LRPT Correlates: I09, LAS04, TL05

Strategy 3.3.3: Provide training and resources to encourage teacher web page development throughout the district
State: Original
Status: In Progress
Timeline: 07/2016 - 07/2019
Person(s) Responsible: Director of Public Relations, Director of Instructional Technology, Campus Webmasters, Teachers
Evidence: Teacher web pages Training logs
Comments:
LRPT Correlates: EP01, EP02, I01, I08, I09, LAS01, TL08

Objective 3.4: 100% of teachers and principals will complete the Texas STaR Chart annually.
Budget for this objective: \$500.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates:
NCLB Correlates: 01 02 04a 06 11 12

Strategy 3.4.1: Conduct campus meetings to ensure that all teachers and principals complete the STaR Chart or its replacement.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Director of Instructional Technology, Principal, Campus Designee

Evidence: Completion of STaR Charts or replacement monitoring tool

Comments:

LRPT Correlates: EP04, LAS05

Goal 4: All WOCCISD educators will incorporate technology to improve student academic achievement in all areas of teaching and learning.

Objective 4.1: 100% of classroom teachers and administrators will use software-based applications to efficiently make data-driven instructional decisions

Budget for this objective: \$19,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates:

NCLB Correlates: 01 02 03 05 11 12

Strategy 4.1.1: Administrators will model technology usage during staff meetings

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of C & I, Director of Instructional Technology, Campus Administrators

Evidence: Purchase records of Eduphoria software for walk throughs, Observation, Powerpoint files

Comments:

LRPT Correlates: EP04, EP05, LAS02, LAS03, LAS04, TL02, TL05, TL06, TL09, TL12, TL14

Strategy 4.1.2: Increase multimedia lab usage of productivity tools.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Director of Instructional Technology, Assistant Superintendent of C & I, Principals

Evidence: Student products, lesson plans, lab and software sign-in logs

Comments:

LRPT Correlates: EP02, I07, I08, I09, LAS01, LAS02, TL01, TL04, TL05, TL06, TL07, TL08, TL09

Strategy 4.1.3: All K-3 teachers will use computer based iStation software to diagnose, prescribe interventions, and monitor student progress in reading.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of Curriculum and Instruction, Campus Administrators, Campus Instructional Coaches, K-3 Classroom Teachers, Director of Instructional Technology

Evidence: Improved student achievement increased accuracy in Tier I, II, and III reading placements, trained teachers.

Comments:

LRPT Correlates: EP02, EP03, EP05, I02, I08, I09, LAS01, LAS02, LAS07, TL02, TL04, TL05, TL06, TL09, TL12, TL13

Strategy 4.1.4: Provide instructional support through the computer labs including Word, Internet, Excel, TexasGateway, etc. to increase project-based opportunities.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Principals, Director of Instructional Technology

Evidence: Proficiency system results, walk-throughs, lesson plans.

Comments:

LRPT Correlates: EP04, EP05, I09, LAS03, TL01, TL02, TL04, TL05, TL06, TL07, TL08, TL09

Strategy 4.1.5: Annually evaluate the campus efforts to integrate technology in the curriculum by participating in the STaR Chart or replacement evaluation system

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Campus Administrators, Site-based Decision teams, Director of Instructional Technology

Evidence: Completed STaR Charts, technology benchmarks, SBDM minutes

Comments:

LRPT Correlates: I01, I08, I09, LAS01, LAS02, TL05, TL10

Strategy 4.1.6: Seek funding from state, federal, and/or private grant sources to assist in efforts to extend access to the community outside of the school day including access to technologies through extended hours for district libraries and community study labs

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of Curriculum and Instruction, Director of Instructional Technology, Campus Administrators

Evidence: Sign-in logs, partnership agreements with community-based organizations

Comments:

LRPT Correlates: EP05, I01, I03, I07, I09, LAS03, LAS04, LAS05, TL08, TL09

Strategy 4.1.7: Increase use of student-centered engaged project-based lessons

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of C & I, Campus Administrators, Director of Instructional Technology, Classroom Teachers

Evidence: Lesson Plans, Student products

Comments:

LRPT Correlates: EP02, EP04, EP06, LAS01, TL01, TL02, TL04, TL05, TL06, TL07, TL08, TL09, TL10

Strategy 4.1.8: Continue to use teacher surveys, skills lists, classroom observations, and other evaluation instruments to measure the change in usage of technology, the quality of student usage, the increase in student achievement.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Director of Instructional Technology, Campus Administrators, Grant Program coordinators

Evidence: Evaluation analysis reports, benchmarks

Comments:

LRPT Correlates: EP01, EP02, EP03, EP06, LAS02, TL01, TL02, TL04, TL05, TL07, TL08, TL09

Strategy 4.1.9: Incorporate the technology integration benchmarks into all areas of campus and district planning

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Campus Administrators, Director of Instructional Technology

Evidence: Campus and District Plans

Comments:

LRPT Correlates: LAS01, LAS02, TL01, TL02, TL04, TL10, TL13, TL14

Strategy 4.1.10: Expand use of TexasGateway and internal web pages to include student access for student-developed project posting.

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of C&I, Director of Technology, Campus Administrators, Classroom teachers

Evidence: Student posted projects, robust Project Share and Intranet usage

Comments:

LRPT Correlates: EP02, EP03, EP04, EP05, EP06, LAS01, TL01, TL02, TL04, TL05, TL06, TL07, TL09

Strategy 4.1.11: Encourage active participation in creation and maintenance of teacher web pages

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Superintendent, Assistant Superintendent of C & I, Director of Public Relations, Director of Instructional Technology, Campus Administrators

Evidence: Active and robust teacher web pages

Comments:

LRPT Correlates: EP01, EP03, I02, I09, LAS01, LAS04, LAS07, TL07, TL09, TL14

Strategy 4.1.12: Use electronic tools to track students' performance, analyze the results, and develop improvement plans

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Assistant Superintendent of C & I, Principals, Teachers

Evidence: Test result logs Inventory DECA, DIAL-3, iStation, Eduphoria, Inova and other digital results

Comments:

LRPT Correlates: EP01, EP03, I05, LAS01, LAS02, LAS05, TL04, TL07

Goal 5: Use technology in innovative ways to provide a safe, secure learning environment.

Objective 5.1: Electronically record and document hazardous events at campuses

Budget for this objective: \$21,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 12

Strategy 5.1.1: Install security recording systems at all campuses

State: Original

Status: In Progress

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Board of Trustees, Maintenance Director, Director of Instructional Technology, Principals

Evidence: Purchase Orders Inventory Recordings

Comments: High and Middle are installed with a few additional cameras needed. Elementary and Early Learning are remaining.

LRPT Correlates: I01

Objective 5.2: Electronically provide and manage physical security at campuses.

Budget for this objective: \$11,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 12

Strategy 5.2.1: Install network controlled physical locking systems at campuses for emergency and scheduled locking.

State: Original

Status: Planned

Timeline: 07/2016 - 07/2019

Person(s) Responsible: Board of Trustees, Maintenance Director, Director of Instructional Technology, Principals

Evidence: Purchase Orders Inventory Electronic Logs

Comments:

LRPT Correlates: I01

BUDGET

Total amount of Title II, Part D formula funds received for the current year of this plan: \$0.00

Method of application for formula funds:

Budget for year 2016

- Telecom cost: \$29,000.00
- Telecom source: Local funds 100%
- Materials cost: \$5,000.00
- Materials source: Title 1 - 10%
- Local Funds 90%
- Equipment cost: \$80,000.00
- Equipment source: Local Funds 80%
- Instructional Allotment - 20%
- Maintenance cost: \$5,000.00
- Maintenance source: Local Fund 100%
- Staff development cost: \$45,000.00
- Staff development source: Local Funds - 50 Title 1 - 50
- Miscellaneous cost: \$5,000.00
- Miscellaneous source: Local Funds 100%
- **Total: \$169,000.00**

Budget for year 2017

- Telecom cost: \$29,000.00
- Telecom source: Local funds 100%
- Materials cost: \$5,000.00
- Materials source: Title 1 - 10%
- Local Funds 90%
- Equipment cost: \$80,000.00
- Equipment source: Local Funds 80%
- Instructional Allotment - 20%
- Maintenance cost: \$5,000.00
- Maintenance source: Local Fund 100%
- Staff development cost: \$45,000.00
- Staff development source: Local Funds 50%
- Title 1 - 30%
- State Allotment - 20%
- Miscellaneous cost: \$5,000.00
- Miscellaneous source: Local Funds 100%
- **Total: 169,000.00**

Budget for year 2018

- Telecom cost: \$29,000.00
- Telecom source: Local funds 100%
- Materials cost: \$5,000.00
- Materials source: Title 1 - 10%
- Local Funds 90%
- Equipment cost: \$80,000.00
- Equipment source: Local Funds 80%
- Instructional Allotment - 20%%
- Maintenance cost: \$5,000.00
- Maintenance source: Local Funds 100%
- Staff development cost: \$45,000.00
- Staff development source: Local 100%
- Miscellaneous cost: \$5,000.00
- Miscellaneous source: Local Funds 100%
- **Total: 169,000.00**

EVALUATION

Evaluation Process:

The process that will be used to monitor and document progress made in the implementation of this plan includes providing all technology planning team members the opportunity to review the online document prior to submission. The plan will be integrated into campus and district improvement plans and will be part of the completed documents for Board of Trustees approval. The Director of Instructional Technology is responsible for reviewing and presenting the plan to the team for evaluation, refining, and redirecting.

Instructional evaluation will be completed in a variety of methods: Observations, securing professional evaluation partners, surveys (both formal and informal), and documented walk-throughs by campus administrators.

Teachers will be held accountable in their usage (both frequency and quality) of technology in their classrooms using the PDAS and TTESS instruments. All findings of evaluations will be distributed through reports to campus administrators, board of trustees, and technology planning team members.

The evaluation will center on determining if the goals and objectives of the plan are being met and to what extent. Both quantitative and qualitative data will be gathered to provide information regarding implementation and impact of technology in WOCCISD.

Evaluation Method:

The evaluation process should reveal the extent to which the goals and activities in the plan have been implemented, the effectiveness of the activities, and the impact of the activities on the participants. Both formative and summative evaluations will be used. In doing so, the following will guide the evaluation:

- * Is the integration of technology into teaching and learning increasing academic performance across the curriculum?
- * What is the impact of professional development on integrating technology into teaching and learning, instructional management, and administration?
- * What is the quality of technical support for the technology infrastructure?
- * To what extent is technology integrated into the administrative processes to support data driven management decisions?
- * Is the technology and telecommunications infrastructure that is designed for all areas of instruction and support services appropriately maintained?

Evaluation Methods

The following will be used to gather data and to assist the Technology Services Department in evaluating the level of implementation of the Technology Plan Goals:

- * District Technology Committee / Technology Planning Sub-committee
- * Teacher and Campus StaR or replacement Charts
- * District and Campus Improvement Plan Benchmark Achievement
- * Sign-in sheets from training sessions