
ORANGE GROVE CHARTER SCHOOL
MASTER TECHNOLOGY PLAN
Effective July 1, 2015 - June 30, 2018



John Clendaniel, Principal

Steven Schonveld, Assistant Principal

Laney White, Curriculum Specialist

<http://www.ogecs.com>

Orange Grove Elementary Charter School

1225 Orange Branch Road

Charleston, SC 29407

843-763-1520 Fax 843-769-2245

A handwritten signature in black ink, appearing to read "John Clendaniel".

John Clendaniel
Principal

A handwritten signature in black ink, appearing to read "Steven Schonveld".

Steven Schonveld
Assistant Principal

Prepared by Sharon Fisher, Technology Coordinator

ORANGE GROVE CHARTER SCHOOL

MASTER TECHNOLOGY PLAN

Effective July 1, 2015 - June 30, 2018



John Clendaniel, Principal

Steven Schonveld, Assistant Principal

Laney White, Curriculum Specialist

<http://www.ogecs.com>

Orange Grove Elementary Charter School

1225 Orange Branch Road

Charleston, SC 29407

843-763-1520 Fax 843-769-2245

John Clendaniel
Principal

Steven Schonveld
Assistant Principal

Prepared by Sharon Fisher, Technology Coordinator

School: Orange Grove Charter School 2015-2018

SCHOOL SUMMARY

Student Enrollment: 807 (February 2015)

Students Eligible for Free and Reduced Lunch: 192 (February 2015)

English as Second Language (ESOL) Students: 36 (February 2015)

School E-rate Discount:

50% (2015 Forms)

50% (2015 Forms)

50% (2015 Forms)

Executive Summary

Orange Grove Charter School is a publicly funded school that is run by an independent board of parents and community members. Orange Grove converted to a charter in 2006. It has received several prestigious awards including the National Blue Ribbon Award for Exemplary Schools from the U.S. Department of Education; the SC Palmetto's Finest Award; Exemplary Writing School; Palmetto Gold; and the Environmental School of the Year. Incentive Reward funds totaling over \$264,000 were received from the SC Department of Education for outstanding test scores over a period of thirteen years. Orange Grove's curriculum overflows with innovative, motivational techniques for instructing children of all ability levels. We strive to create a learning environment which will challenge and stimulate all students so that maximum learning will occur. Effective instructional programs such as Daily Oral Language and Math; RIT Band Math Instruction; SRA Reading; Walk to Read; and the Accelerated Reader Program enhance our curriculum. We also emphasize writing across the curriculum, hands-on math, and inquiry based science activities. The world of technology comes alive for our students with three networked computer labs, SMART Boards, and PC's in all the classrooms. In addition through a grant we have been able to offer 1:1 iPads for students in grades 3-5. Strong parental support and involvement have been key ingredients in the success of Orange Grove School. Our PTA has had 100% membership for the past 42 years. Over twenty business education partners also support our school with their time and resources. During the 2015-2016 school year OGCS will add a middle school starting with six sixth grade classes. Each year we will continue to add a grade level.

Orange Grove Charter School (OGCS) is part of the Charleston County School District. We utilize the technology goals that support the common core curriculum and state standards that have been adopted for all Charleston County Schools. Listed on the following pages are the Technology Dimensions for Orange Grove Charter School that have been adopted from the Charleston County School District.

Technology Vision

The administration of Orange Grove Charter School recognizes that as we prepare our “Learners Today, Leaders Tomorrow”, technology is a key component of the data driven decisions that make excellence our standard throughout our school. The plan continues to be evaluated and modified to ensure that it aligns with the district’s and state’s strategic plan, and supports the coherent curriculum that was adopted.

Our plan also uses the five technology dimensions defined by the South Carolina Department of Education to enhance equity, student achievement, connectedness, efficient and effective operations, and culture change. The five dimensions and goals are:

Technology Dimension 1: Learners and Their Environment

OGCS will use data and research-proven strategies to provide home, school, and community environments conducive to our students achieving technological literacy by the end of the fifth grade, and to raise the overall level of academic achievement in the school.

Technology Dimension 2: Professional Capacity

OGCS will continue to provide curriculum and professional development to increase the competency of all OGECS educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.

Technology Dimension 3: Instructional Capacity

OGCS will continue to use current and emerging technology to create learner-centered instructional environments that enhance academic achievement.

Technology Dimension 4: Community Connections

OGCS will continue to raise student achievement by using technology to enhance internal communications and to better inform, engage and involve parent, community, business and faith-based groups around the key priorities of the Mission and Vision Statement.(Attachment A).

School: Orange Grove Charter School 2015-2018

Technology Dimension 5: Support Capacity

Continue to improve student achievement through effective use of Instructional Technology and academic administrative systems, and to improve operational efficiency of the school through application of business systems. Ongoing technology management and promoting classroom modernization will continue to be key components of the Support Capacity for technology at OGCS. This document includes the objectives, strategies, and action steps needed to achieve each of the established goals.

OGCS is part of the Charleston County School District, and has adopted most of the components of the Charleston County School District's plan.

School: Orange Grove Charter School 2015-2018

OUR MISSION

The mission of the Orange Grove Charter School (OGCS) is to increase student achievement overall and close achievement gaps in order to prepare all students to compete in a global economy and make a positive contribution to our community and nation.

OUR VISION

Every child will graduate from OGCS with the critical skills and knowledge necessary to succeed at the next level of learning. (see Attachment A- OGECS Mission and Vision Statement)

OUR VALUES

- **Results:** We will prioritize student achievement outcomes in everything we do, and align every strategy and action with a measurable goal.
- **Access:** All students—held to the highest expectations imaginable—will be provided with excellent instruction, enrichment opportunities, and challenging courses.
- **Partnership:** Student success relies on partnerships between schools, families, and communities. We will encourage transparency, collaboration, and feedback, and strengthen partnerships with every person, agency, and organization invested in our students.
- **Diversity:** We see diversity as a strength and an asset. By our actions, words and deeds, we will promote diversity and ensure that our students are prepared for the diverse, competitive world they will inherit.

OUR GOALS /CCSD GOALS

- 1) Close the achievement gap.
- 2) Elevate achievement overall.
- 3) Decrease the retention rate at each grade level.

The vision for technology in our school is to see technology prudently applied to teaching and learning with equity, understanding, and informed growth. Our focus is to use technology to implement and maintain the OGCS Mission Statement, Vision, and Learning Standards which drive all that we do.

The details of how to implement our vision are articulated in updates throughout this plan and are based on emerging technologies and improved understanding of the benefits of technology to instruction.

Technology will be applied at OGCS to enhance:

1. Equity – to level the playing field and to prepare all children for the workplace.
2. Student Achievement – to provide student access to curriculum, teacher access to instructional tools and aids; and administrator access to timely data that will guide them to make good decisions regarding programs and initiatives that affect the instruction of children.
3. Connectedness - to build systemic coherence and to improve communication in our school; to use technology to connect programs and support children who have special needs; and to connect OGCS with the parents and the community.
4. Efficient and Effective Operations – to ensure that the right systems and technology are in place for operations to minimize costs and more effectively utilize school resources.
5. Culture Change - to make technology a part of the way work is done; to be part of the employee selection process and a requirement for retention of employees.

School: Orange Grove Charter School 2015-2018

OGCS follows CCSD's strategic plan, "Charleston Achieving Excellence," which centers on four priorities: *Literacy Improvement, Effective Teaching and Leadership, World-Class Schools & Systems, and Strategic Partnerships*. CCSD has three goals: 1) Close the achievement gap; 2) Elevate achievement overall; and 3) Raise the graduation rate. Last year, CCSD launched a new phase of the strategic plan—"Charleston Achieving Excellence: Vision 2016"—which strengthens the district's emphasis on literacy improvement and teacher effectiveness and creates bold annual performance targets for all students.

There are a multitude of innovative technology tools available that can enable teachers to engage students, improve student achievement, and make learning more interactive. The challenge is to continue to find the ideal combination for Orange Grove Charter School. With the plethora of choices available, it is important that we continue to make informed decisions based on reliable data and proven results. OGCS will continue to discuss and identify all the technologies that are of interest to the group to facilitate students' learning. Teachers who are proficient in various areas of technology will continue to meet as a group, to determine what technology needs of OGCS are going to be.

The current needs are :

1. Continued professional development for technology
2. Infrastructure improvements (add additional access points to support increased use of technology in the classrooms)
3. Use of OER and development and implementation of Net Texts courses to improve teacher delivery.
4. Acquisition of tablets/Ipads – we currently have 1:1 iPads in grades 3-5. Our goal is to include the middle school and second grades in the 1:1 initiative in the next three years.
5. Increased use of textbook websites that enhance delivery of learning for our students.
6. Creating multiple platforms (Windows, Mac, Google) so our students are prepared for real world experiences.

School: Orange Grove Charter School 2015-2018

OGCS believes that technology is a fundamental element of preparing students for college and workforce readiness in the 21st Century. We will continue to create a technology-rich environment that is collaborative and supports creativity, innovation, and life-long learning by continuing to:

- Identify and utilize existing, and emerging technologies to transform teaching and learning and enhance student achievement.
- Ensure equitable access to technology for all students and teachers
- Provide on-going professional development on the use of the technologies we implement.
- Integrate technology into the curriculum to improve instruction, engage students, and make learning more interactive.
- Capitalize on opportunities to reduce costs while improving educational outcomes.
- Educate students on the safe and ethical use of technology.

http://ogecs.com/for_students

TECHNOLOGY DIMENSION 1

Learners and Their Environment

GOALS:

- Provide instructional model that integrates technology all aspects of the curriculum.
- Enable students to learn in relevant and real-world contexts
- Create environments that support the teaching and learning of 21st Century skill outcomes
- Pilot Use of STEAM (Science, Technology, Engineering, Arts, Math at an earlier age

A. SNAPSHOT OF CURRENT TECHNOLOGY USE AT OGCS

Technology plays a significant role in OGCS's pursuit to ensure that every child receives a high quality education and is prepared for the 21st Century workforce. OGCS educators, parents, business partners, and community members have made significant progress in realizing the vision. The seamless integration of technology into all subject areas will raise the academic achievement of all students.

OGCS has adopted the standards developed by the International Society for Technology in Education's (ISTE) National Educational Technology Standards for Teachers (NETS-T) and National Educational Technology Standards for Students (NETS-S) <http://www.iste.org/inhouse/nets/cnets/index.html> (revised Summer 07).

OGCS will continue to implement the CCSD instructional model that integrates technology as a tool to help teachers and administrators work together to coordinate a standards-based educational program within and across all grade levels and content areas.

Parental involvement and partnerships continue to be encouraged through the school's and teachers' web pages. These resources provide information about school events, classroom activities, homework help, and course content.

School: Orange Grove Charter School 2015-2018

TECHNOLOGY DIMENSION 1 OGECS 2015-2018

Teachers have the following items in their classrooms as part of the CCSD Classroom Modernization Project:

- SMART Interactive Whiteboard
- SMART Document Camera (purchased by OGCS)
- V-Brick Video Distribution System
- Lightspeed Classroom Sound System
- New laptops are being purchased to replace older and non-working desktops in the three computer labs
- Teachers' old laptops are being replaced by newer laptops and/or desktops which reduce cost
- Teachers are being provided with additional desktops for use in the classroom
- One iPad for each student in grades 3-5
- 4 iPads per classroom in grades K-2

Teachers continue to have access to SMART Lessons aligned to the South Carolina State Standards, technology best practices, Bloom's Taxonomy levels, incorporating Depth of Knowledge levels, model lesson plans, and professional development that incorporates state curriculum standards and technology standards into one cohesive unit. Upper elementary school students (grades 2-5) will have access to communication tools that allow them to collaborate with classmates and teachers.

OGCS follows the guideline of the CCSD's instructional model (Mastery Teaching Model/Literacy Workshop) drives effective technology integration through the strategic alignment of professional development activities and state curriculum standards. Students who face challenges ranging from learning disabilities to significant physical disabilities will have equitable access to assistive technologies via the Office of Exceptional Children. OGECS utilizes the electronic online resources such as:

Learn 360 and Discovery Streaming . Our collection of eBooks is growing each year.

Students and teachers can check out eBooks from school or at home.

The Media center now has the universal search feature where safe websites are imported into the library catalog system. Prescreened sites are imported to insure the safety of our students as they use the Internet. Encyclopedia Britannica is an example of another feature that

is accessible through the library catalog. A projector that works like a SMART Table has also been added to the Media Center.

TECHNOLOGY DIMENSION 1 OGCS 2015-2018

B. OBJECTIVES AND STRATEGIES

| Objectives | Strategies |
|--|---|
| Students will continue to engage in authentic learning activities aligned with state standards and the CCSD Coherent Curriculum that integrate technology, including assistive technology, into the core content and related arts areas. | Continue to use National Educational Technology Standards for Students (NETS—grade-level profiles updated summer 07). |
| | Continue to follow revision of CCSD technology policies and procedures to ensure alignment, equity and support for student achievement goals defined in the Charleston Achieving Excellence: Vision 2016 plan. |
| | Continue to provide appropriate accommodations for students with special needs for learning and testing environments. |
| | Continue to develop technology-enhanced learning resources, including real world project-based technology learning activities. |
| Environments will be created that enable learners to participate in authentic learning activities aligned with the CCSD instructional model. | Continue to provide opportunities and resources to OGCS to facilitate the development and implementation of effective communication and collaboration skills using technology in the core content and related arts areas. |
| | Continue to provide in-house and district level technology support through the technology specialists to guide schools, educate teachers, and assist in the development of school technology plans. |

School: Orange Grove Charter School 2015-2018

TECHNOLOGY DIMENSION 1 OGECS 2015-2018

ACTION LIST

1. Review and/or revise Acceptable Use Policy (GBEBD) ongoing (Attachment B)

2. Develop and/or revise policies/procedures as needed for resources such

as the following:

- Software standardization
- Web 2.0 Tools
- Internet security and content filtering
- Equipment standardization
- Copyright
- Licensing
- Network security
- Data integration
- Learning Management System (Sharp School as of July 2012)
- Email use

3. Continue to maintain and expand the use of online resources for students, teachers, administrators,

and parents including:

- Technology-infused lesson plans
- SMART Lesson Bank
- Learn 360
- TechBooksfor Science
- PowerSchool
- DISCUS
- BrainPop
- BrainPOP Jr.
- Edmodo
- Learning Management System (SharpSchool as of July 2012)
- Net Texts Open Educational Resources
- STEAM model
- Online Tech Support PD for teachers
- CCSD's ERO program
- Artsonia to share students' art work
- MAP Diagnostic Testing
- Accelerated Reader
- STAR Testing

School: Orange Grove Charter School 2015-2018

TECHNOLOGY DIMENSION 1 OGECS 2015-2018

4. Continue to incorporate real-world student projects into professional development5. Continue to feature best practices on individual teachers and school websites that demonstrate technology integration within the curriculum.

6. Upgrade computer labs as needed to facilitate student learning and benchmarking of student achievement.

7. Provide a 1:1 tablet learning environment in K-8 classrooms.

8. Standardize technology integration course and workshop syllabi to incorporate South Carolina Standards for all subject areas.

9. Continue to implement and update Classroom Modernization initiatives to ensure equity.

ACTION PLAN

OBJECTIVE: Students will use technology to acquire and demonstrate communication, collaboration and engagement skills aligned with International Society for Technology in Education Technology standards and state curriculum standards.

EVALUATION: Effective technology integration will improve student academic achievement as evidenced by data collected from teacher and student surveys, comparison of test scores, and other sources.

| IMPLEMENTATION STEP | COMPLETION DATE | BENCHMARK |
|---|-------------------------------------|--|
| Review and/or revise Acceptable Use Policy (GBEBD). | yearly | Improved policies disseminated and implemented. |
| Develop and/or revise policies/procedures for: <ul style="list-style-type: none"> • Software standardization • Social networks • Internet security and content filtering • Equipment standardization • Copyright • Licensing • Network security • Data integration • Learning Management System (Sharp School as of July 2012) • Email use • Electronic registration system • Portable electronic devices | yearly | OGCS will follow policies and procedures written, published, and implemented by CCSD. |
| Maintain and expand online resources for students, teachers, administrators and parents including: | Professional development is ongoing | Professional development provided for all resources and funding allocated to maintain subscriptions. |

| | | |
|---|-----------------------|--|
| <ul style="list-style-type: none"> • Technology-infused lesson plans • SMART Lesson Bank • Techbooks • Power School • Learn 360 • Edmodo • Learning Management System (Sharp School as of July 2012) • TechBooks • IXL Math • ScholasticCore Clicks • eBooks • STAR • Accelerated Reader | | OGCS provides funding to enable teachers to enroll in CCSD approved recertification courses. |
| Incorporate real-world student projects into professional development activities. | Ongoing | Incorporate STEAM curriculum Incorporate coding curriculum |
| Feature best practices on school and individual teacher websites that demonstrate technology integration within the coherent curriculum. | Ongoing | Updated websites |
| Continue to implement plan for 1:1 learning initiative . Update and revise plan and upgrade devices as needed. | Ongoing | Update as needed based on available funding. |
| Continue to update, revise and implement the Classroom Modernization Project. | Ongoing every 5 years | We will follow guidelines for Classroom Modernization Project and implement as funds become available. |
| Upgrade District provided computer labs as needed to facilitate student learning and benchmarking of student achievement. | Ongoing | Older desktops are being replaced in the labs with new laptops Teachers are getting new laptops to replace laptops that are no longer working |
| Standardize professional development courses syllabi to incorporate SC curriculum standards and CCSD instructional model. | Ongoing | Updated technology integration course syllabi |
| Continue to update and revise as needed and implement | Ongoing | Equipment identified, standardized and |

| | | |
|--|--|---|
| Classroom Modernization Initiatives to provide equitable and appropriate technologies. | | implemented with professional development training. |
|--|--|---|

School: Orange Grove Charter School 2015-2018

TECHNOLOGY DIMENSION 1 OGCS 2015-2018

FUNDING CONSIDERATIONS

| ITEM | NOTES |
|--|--|
| Educational Technology integration staff (provided by CCSD – OGECS allocates money to CCSD Technology so that teachers can participate in all ERO courses. | <ul style="list-style-type: none"> • Six Technology Integration Curriculum Specialists • In-house Curriculum Specialist • Salaries and benefits • Professional development • Curriculum development • Travel |
| In house Educational Technology professional development for teachers | <ul style="list-style-type: none"> • Recertification courses • Graduate courses • Ongoing professional development through school-based trainings during team meetings and planning periods |
| Educational Technology professional development for administrators | <ul style="list-style-type: none"> • Leading and evaluating with technology • Assessing teacher technology proficiency and curriculum integration • Utilizing technology to complete classroom observations |
| Resources to support technology integration, including assistive technology, across all curricular areas and programs | Continue to search for assistive technology aids and adaptive devices |

A. EVALUATION OF OBJECTIVES

| OBJECTIVE | POSSIBLE BASELINE DATA | POSSIBLE DATA SOURCES TO BE USED FOR ONGOING EVALUATION AND END-OF-PROGRAM REPORT | OUTCOMES (Include "action list" items achieved.) | | | |
|---|--|---|--|------|------|--|
| | | | 5/16 | 5/17 | 5/18 | |
| Students will use technology to acquire and demonstrate communication, collaboration, and engagement skills aligned with state standards and the CCSD instructional model to increase academic achievement. | <ul style="list-style-type: none"> • MAP Scores • Teacher and student surveys • Classroom observations • School renewal plans • Self-assessments • Self-reflections • Pre- and post-tests • Teacher observations | <ul style="list-style-type: none"> • MAP Scores • Teacher and student surveys • Classroom observations • School renewal plans • Self-assessments • Self-reflections | | | | |

B. CURRENT BEST PRACTICES IN CCSD and OGCS

The vision for OGCS calls for the creation of a high-performance culture to support delivery of education excellence for all students. A major contributor to the success of this vision is the effective use of technology.

OGCS uses operational best practices that positively impact learners and their environment:

- The site based Technology Specialist is highly qualified and trained such that 90% of technology support requests are closed on the first call.
- The site based Technology Specialist uses remote management tools to reduce the need to physically touch computers to resolve software problems.
- Information Technology (IT) maintains a SIF (School Interoperability Framework) environment.
- Applications included in the existing environment are PowerSchool, OPAC library manager,

Destiny textbook manager, Outlook and servers. IT also provides student and teacher network accounts and secure storage.

TECHNOLOGY DIMENSION 1 OGECS 2015-2018

- **OGCS continues to follow a refresh cycle for all computer equipment and maintains a yearly warranty.**
- **Information Technology is proactive in establishing technology standards for infrastructure.**
- **OGCS is aggressive in its pursuit of e-rate funds.**
- **An in-house data warehouse has been developed to facilitate data driven decision making.**
- **Teachers will continue to participated in sustained professional development (15 hours or more) and/or workshops (less than 3 hours)**
- **Technology courses and workshops will continue to be designated at specific levels in order to help teachers choose classes and workshops that will allow them to increase their skills.**

School: Orange Grove Charter School 2015-2018

TECHNOLOGY DIMENSION OGECS 2015-2018

TECHNOLOGY DIMENSION 2

PROFESSIONAL CAPACITY

GOAL

OGCS will provide curriculum development and professional development to increase the competency of all OGCS educators so that research-proven strategies and the effective integration of educational technology can be used to increase student engagement and achievement.

A. SNAPSHOT OF CURRENT TECHNOLOGY USE IN CCSD and OGCS

Classroom Modernization

OGCS was included in the first part of CCSD's Classroom Modernization Program that was initiated in Fiscal Year 2009 as a five year project. World-class students and families deserve world-class facilities, which is why the district and OGCS are working to ensure that all students have access to cutting-edge technology. CCSD's Classroom Modernization Program is intended to provide a 21st Century learning environment for every child, in every school, every day.

The District Plan for years 1 and 2 was completed, and SMART Boards and laptops were provided for all teachers at OGCS. The OGCS Classroom Technology Committee plan for Year 3 focused on the deployment of iPads and completing the teacher laptop rollout.

Document cameras were purchased by OGCS as the district did not provide these for charter schools.

Currently approximately 75% of the teachers have document cameras in their classrooms.

In 2012-2015, OGCS received funding from a grant that was allocated for implementation pilot of a 1:1 computing environment along with the necessary network upgrades and supporting equipment. We are excited by the prospect of accelerating student achievement and equity at OGCS by extending full coverage wireless access to every classroom, upgrading the wide-area network and Internet access.

We were able to procure a grant which added iPads for each student in grades 3, 4, Kindergarten, and 1st grade.

Plans for the next three years include providing iPads for all students in Grades 1 and 2 and Chromebooks for each student in grades 6, 7, and 8.

OGCS recognizes that assurance of student technology literacy requires teachers to demonstrate technology proficiency. OGCS will continue to use the standards developed by the International Society for Technology in Education (ISTE)

Significant progress has been made toward achieving OGCS's technology vision that every child and teacher will realize the benefits found in technology-rich learning environments.

The ISTE standards can be accessed online at:

<http://www.iste.org/AM/Template.cfm?Section=NETS>.

TECHNOLOGY DIMENSION 2 OGCS 2015-2018

Teacher Technology Proficiency Data

Classroom Technology Use

Currently ALL teachers at OGCS continue to use technology on a daily basis for instruction at various levels.

The teachers and staff at OGCS can be categorized as being at the Applying or Innovating stages based on professional development completed by teachers and student use of technology.

APPLYING • I am proficient with and model all items listed in the previous levels.

- My students regularly use the SMART Board interactively during lessons.

- I regularly use one or more of the following SMART products for instruction:

SMART Board, SMART Document Camera.

INNOVATING • I am proficient with and model all items listed in the previous levels.

- I regularly mentor and/or provide professional development for other educators on the use of the technology tools.

Teachers will continue to be trained on development and use of Open Educational Resources – specifically Net Texts. Each teacher is required to create at least one course that aligns South Carolina standards. During the next three years teachers will incorporate more OER resources into their learning environment. <http://www.net-texts.com/>

Additional professional development will be offered at Emerging, Applying and Innovating levels both onsite and through CCSD's Educational Technology department.

TECHNOLOGY DIMENSION 2 OGECS 2015-2018

B. OBJECTIVES AND STRATEGIES

GOAL: OGECS will continue to provide curriculum development and professional development to increase the competency of all OGECS educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.

| OBJECTIVES | STRATEGIES |
|---|--|
| <p>2.1 OGECS will enable educators to achieve and demonstrate proficiency in integrating state-recommended instructional technology standards (International Society for Technology in Education/National Educational Standards for administrators, students, and teachers) into their specific area of professional practice to increase student achievement.</p> | <p>A. OGECS will continue to follow guidelines proposed by CCSD.</p> |
| <p>2.2 OGECS will continue to build technology skills and leadership capacity to ensure that technology is making a significant instructional impact for students and teachers.</p> | <p>A. Analyze school needs each year by using surveys and continue to assist teachers with the acquisition of the necessary technology skills for the effective integration of technology into classroom instruction. B. Continue to increase the availability of, and ensure equitable access to technology tools for teachers through the Classroom Modernization Program and the 1:1 Learning Initiative Project as funding becomes available.</p> |
| <p>2.3 CCSD and OGECS will collaborate in providing professional development that is aligned to the CCSD instructional model to ensure teachers and staff use technology, including assistive technology, to enhance learning.</p> | <p>A. Revise and implement a Master Technology Plan that is directed and supported by the OGECS leadership, driven by ISTE standards and is adapted to meet OGECS's technology needs. B. Continue to provide assistive technology professional development. C. Continue to insure students with special needs have technologies.</p> |
| <p>2.4 OGECS will provide educators with resources and training in technology integration so that research-based best practice instructional methods are incorporated in the curriculum.</p> | <p>A. Continue to offer educational technology planning and professional development in a variety of modalities to help teachers value the use of technology and reduce the constraints of time, space, and inflexible training locations and times.</p> |

| | |
|--|--|
| | <p>B. Continue to provide a list of professional development opportunities and market other recognized professional opportunities for educators.</p> <p>C. Continue to use a school network of innovative Professional Development providers who have the skills and experience necessary to prepare teachers for effective technology use.</p> <p>D. Continue to provide the required professional development to support the classroom modernization program (iPads and tablets) *All teachers are required to complete one 45-hour course or three 15-hour courses per certification period. Additional training is provided through school-based sustained professional development.</p> |
|--|--|

TECHNOLOGY DIMENSION 2 CCSD 2015 - 2018

C. ACTION LIST

GOAL: OGCS will continue to provide curriculum development and professional development to increase the competency of all OGCS educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.

1.2.A.1 Analyze school needs and priorities and assist teachers with the acquisition of basic technology skills and the integration of technology into classroom instruction

1.2.B.1 Increase the availability of technology tools to teachers through the classroom modernization program, educational technology equipment lending program, and by awarding tools to teachers who participate in technology professional development.

1.2.B.2 Maintain and expand the use of online resources for teachers and administrators, including:

- Edmodo
- SMART Lesson Bank
- Learn 360
- Techbooks Science
- BrainPop and Brainpop Jr
- Discovery Education
- Collaborative Learning
- NetTexts
- Textbook websites
- eBooks in the Media Center
- IXL Math
- Scholastic Core Clicks Reading Program
- Interactive Lessons for Guidance
- Interactive Lessons for Spanish
- Coding in the Computer Lab
- Online Research Activities in the SAIL and Media Center
- Artsonia for Art

1.2.B.3 Ensure equity of access to technology equipment, software and professional development opportunities by providing for every staff member.

1.3.A.1 Revise and publish a Master Technology Plan every three years.

1.3.B.1 Annually review the technology plan that documents site-based input and includes a plan for professional development that outlines the instructional technology offerings and requirements, including assistive technology.

1.3.B.2 Continue to collaborate with content learning specialists to develop instructional technology strategies/resources for Literacy Workshop Model.

1.3.C.1 Provide all students access to electronic and information technology resources at school and outside of school.

1.4.A.1 Provide and deliver anywhere/anytime professional development in a variety of ways to meet all educators' needs, including:

- **graduate and recertification courses**
- **one-credit modules**
- **online courses**
- **blended learning**

1.4.B.1 Inform OGCS staff of opportunities on the CCSD Electronic Registrar Online, email notifications and through Educational Technology Website.

1.4.C.1 Develop an instructor pool that includes innovative staff members to assist with training teachers and administrators.

1.4.D.1 Continue to provide sustained technology integration professional development courses .

1.4.E.1 Provide the required professional development to support the classroom modernization program (SMARTBoards, document cameras, ipads, tablets)

***All teachers are required to complete one 45-hour course or three 15-hour courses per certification period. Additional training is provided through school-based sustained professional development**

TECHNOLOGY DIMENSION 2 OGCS 2015-2018

D. ACTION PLAN

| Goal | Action Item | Budget Required | Target Completion | Status | | |
|---|---|---|-------------------|----------|----------|-----------|
| | | | | Complete | Modified | Abandoned |
| <p>OGCS will provide curriculum development and professional development to increase the competency of all OGCS educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.</p> | <p>Analyze school needs and priorities, and assist teachers with the acquisition of basic technology skills and the integration of the technology into classroom instruction by using the a variety of resources.</p> | <p>Money is transferred from OGCS to CCSD Technology Department for staff to have access to ERO</p> | <p>Annually</p> | | | |
| | <p>Increase the availability of technology tools to teachers through OGCS funding, Educational Technology Equipment Lending Program, and by awarding tools to teachers who participate in technology professional development.</p> | <p>In-house Professional development OGCS Staff and CCSD Ed Tech</p> | <p>Ongoing</p> | | | |
| | <p>Maintain and expand the use of online resources for teachers and administrators, including:</p> <ul style="list-style-type: none"> • Edmodo • SMART Lesson Bank • Learn 360 • Techbooks Science • BrainPop and Brainpop Jr • etvStreamlineSC • Collaborative Learning | <p>Free CCSD OGCS Staff</p> | <p>Ongoing</p> | | | |

| | | | | | | |
|--|---|--|---|--|--|--|
| | <ul style="list-style-type: none"> • NetTexts • Textbook websites • eBooks in the Media Center • IXL Math • Scholastic Core Clicks Reading Program • Interactive Lessons for Guidance • Interactive Lessons for Spanish • Coding in the Computer Lab • Online Research Activities in the SAIL and Media Center • MAP Diagnostic testing <p>Ensure equity of access to technology equipment, software and professional development opportunities by providing to all staff members.</p> <p>Revise and publish a Master Technology Plan. Review the technology plan that documents site-based input and includes a plan for professional development that outlines the instructional technology offerings and requirements, including assistive technology.</p> | <p>Education Technology Staff and OGCS Technology Staff</p> <p>OGCS Administration and Technology Staff</p> <p>Educational Technology staff and OGCS Technology Staff</p> | <p>Ongoing</p> <p>Ongoing</p> | | | |
|--|---|--|---|--|--|--|

| | | | | | | |
|--|---|--|---------|--|--|--|
| | <p>Continue to collaborate with content learning specialists to develop instructional technology strategies/resources for Literacy Workshop Model.</p> | | Ongoing | | | |
| | <p>Continue to provide all students access to electronic and information technology resources at school and outside of school.</p> | | Ongoing | | | |
| | <p>Continue to provide and deliver anywhere/anytime professional development in a variety of ways to meet all educators' needs, including:</p> <ul style="list-style-type: none"> • Graduate and recertification courses • One-credit modules • Online courses • Blended learning | | Ongoing | | | |
| | <p>Continue to alert OGCS staff to opportunities on the CCSD Electronic Registrar Online, email notifications and through Educational Technology Website.</p> | | | | | |
| | <p>Continue use onsite teacher/instructor network to provide training for teachers and administrators.</p> | | Ongoing | | | |

| | | | | | | |
|--|---|--|---|--|--|--|
| | <p>Continue to provide the required professional development to support the classroom modernization program</p> <p>All teachers are required to complete one 45-hour course or three 15-hour courses per certification period/120 recertification hours. Additional training is provided through school-based sustained professional development.</p> | | <p>Ongoing</p> <p>Ongoing</p> | | | |
|--|---|--|---|--|--|--|

E. FUNDING CONSIDERATIONS

Annually OGCS allocates and transfers its portion of funding for Professional Development to CCSD's Technology Department. This allows our teachers at OGCS to take the required courses to obtain and retain their certification.

In addition, on-site professional development is conducted by our Teachers and Technology Specialist. Teachers who are proficient in certain areas are also involved in the training of their colleagues.

We will try to allocate \$ 100,000 annually to update and purchase new technology and licenses for Equipment. Approximately \$5,000 is allocated for staff to attend Technology conferences annually.

Watch Guard Licenses are purchased every two years at a cost of approximately \$4945 based on the number of computers available. Filtering costs are approximately \$4841 for two year coverage. Erate funding has provided additional funding for cabling, internet, and telecommunication services for the past three years, and we will continue to apply for approved services.

Additional access points is one of the priorities in the next three years.

TECHNOLOGY DIMENSION 3

INSTRUCTIONAL CAPACITY

GOAL:

OGCS will use current and emerging technology to create learner-centered instructional environments that increase academic achievement.

A. SNAPSHOT OF CURRENT TECHNOLOGY USE AT OGCS

Incredible progress has been made through the Classroom Modernization Program to ensure that our teachers are provided with current and emerging technology, professional development, and supporting resources. Currently every classroom in OGCS is equipped with a SMART interactive white board with unified projector, a teacher laptop computer with SMART Notebook software. Some classes have SMART Document Cameras or Elmos that were purchased with OGECS PTO funds.

In addition to onsite professional development, OGCS utilizes The Department of Educational Technology. The Educational Technology department provides professional development that is focused on differentiating instruction and implementing the Mastery Teaching Model through the use of technology. This technology includes the hardware in classrooms as well as web based applications and general integration techniques. Research sites, standards based interactive websites, and multimedia sites are regularly utilized at OGCS. Teachers engage and assess students through the use of interactive white boards, document cameras, digital cameras

Professional development has accompanied the installation of the equipment to ensure teachers effectively utilize the equipment with their students.

TECHNOLOGY DIMENSION 3 OGECS 2015-2018

Additionally SMART Notebook lessons aligned to South Carolina curriculum standards

will continue to be used by our teachers.

Currently OGCS continues to move toward the 1:1 initiative for iPads and or Chrome books.

A team of teachers and administrators have been selected to determine the best way to continue to meet the needs of our students. This 1:1 environment allows teachers to tailor learning experiences for individual children and to provide a challenge based learning model that connects students to the world beyond classroom walls.

TECHNOLOGY DIMENSION 3 OGCS 2015-2018

B. OBJECTIVES AND STRATEGIES

GOAL: OGCS will use current and emerging technology to create learner-centered instructional environments that enhance academic achievement.

| OBJECTIVES | STRATEGIES |
|---|---|
| <p>3.1 OGCS will continue to ensure that curricular design, instructional strategies, and learning environments integrate appropriate technologies (including the range of assistive technology options) to significantly impact teaching and learning.</p> | <p>A. Continue to collaborate with the Curriculum and Instructional Support team to align technology best practices and resources with the CCSD Mastery Teaching Model and Literacy Workshop.</p> <p>B. Continue to facilitate the use of technologies to support and enhance instructional methods (including the use of hardware, software, and assistive technology) that develop higher-level thinking, decision-making, and problem-solving skills.</p> <p>C. Continue to provide and support a variety of technologies for teaching and learning.</p> |
| <p>3.2 OGCS will provide teachers and students with technology resources, including assistive technology, necessary to increase academic achievement by providing students with engaging interactive learning.</p> | <p>A. Provide teachers and students access to online services and media-based instructional materials, allowing them to select appropriate tools that will enrich and extend their learning.</p> <p>B. Continue to develop a 1:1 learning environment where each student has a personal computing device in grades 3-6 . Evaluate impact and feasibility of expanding to Kindergarten and first grade levels.</p> |

C. ACTION LIST

GOAL: OGCS will continue to use current and emerging technology to create learner-centered instructional environments that increase academic achievement.

3.1.A Continue to collaborate with the CCSD Curriculum Specialists to align technology best practices and resources with the CCSD Mastery Teaching Model and Literacy Workshop.

3.1.B Continue to facilitate the use of technologies to support and enhance instructional methods that develop higher-level thinking, decision-making, and problem solving skills.

3.1.C Continue to provide and support a variety of technologies for teaching and learning.

3.2.A.1 Continue to provide students and teachers with access to technology, online services, and instructional materials, allowing them to select appropriate tools that will enrich and extend their learning.

3.2.A.2 Continue to provide teachers with access to student data and support for using the data effectively and ethically through best practices, peer collaboration, and professional development.

3.2.A.3 Continue to provide students and teachers with access to technology online services, and media-based instructional materials, allowing them to select appropriate tools that will enrich and extend their learning.

TECHNOLOGY DIMENSION 3 CCSD 2015-2018

D. Action Plan

| Goal | Action Item | Budget Required | Target Completion | Status | | |
|---|---|---|-------------------|----------|----------|-----------|
| | | | | Complete | Modified | Abandoned |
| OGCS will continue to use current and emerging technology to create learner-centered instructional environments that increase academic achievement. | Continue to collaborate with the Curriculum Specialists to align technology best practices and resources with the CCSD Mastery Teaching Model and Literacy Workshop. | Ed Tech Staff OGCS Technology Staff | Ongoing | | | |
| | Continue to facilitate the use of technologies to support and enhance instructional methods that develop higher-level thinking, decision-making, and Problem-solving skills. | Ed Tech and OGCS Technology Staff | Ongoing | | | |
| | Continue to provide and support a variety of technologies for teaching and learning through collaboration with Ed Tech. | OGCS Technology Staff | Ongoing | | | |
| | Continue to provide professional development for new technologies. | Ed Tech Staff and OGCS Technology staff | Ongoing | | | |
| | Continue to provide students with access to technology resources and instructional materials made available through: professional development to help ensure that state resources are made available to all | Ed Tech Staff and OGCS Technology staff Free SCDOE | Ongoing | | | |

| | | | | | | |
|--|----------------|--|--|--|--|--|
| | OGCS students. | | | | | |
|--|----------------|--|--|--|--|--|

TECHNOLOGY DIMENSION 3 OGECS 2015-2018

E. FUNDING CONSIDERATIONS

Onsite professional development is completed by the Technology Staff.

Allocated funds are transferred to CCSD Educational Technology Department so that OGCS teachers have access to professional development course offerings provided by the district:

- Recertification courses
- Graduate courses
- Online courses

Resources to support technology integration, including assistive technology, across all curricular areas and programs are included in annual Technology budget.

TECHNOLOGY DIMENSION 3 OGECS 2015-2018

F. CURRENT BEST PRACTICES AT OGCS

1. OGCS continues to use technology to measure student academic performance and to help teachers differentiate instruction based on student data.
2. OGCS collects and will continue to collect data from Measures of Academic Progress (MAP) to support effective instructional and information technologies, to maximize student learning, and increase student achievement by identifying areas to target for improvement through appropriate professional development.
3. OGCS continues to follow the guidelines of the CCSD school district as it improves and expands technology integration professional development for all subjects that incorporates the Mastery Teaching and Literacy Workshop Models.
4. OGCS continues to provide professional development by means of trainings, workshops, and courses to meet the varied needs of teachers.

TECHNOLOGY DIMENSION 4

COMMUNITY CONNECTIONS

GOAL:

OGCS will elevate achievement overall, close the achievement gap, and reduce the retention rate by using technology to:

- enhance internal and external communications;
- inform, engage and empower students, parents, community leaders, and business and faith-based groups around the key priorities of OGCS Mission Statement and Vision for our school.

A. SNAPSHOT OF CURRENT TECHNOLOGY USE

OGCS realizes the importance of using technology to communicate its key priorities and messages, and to bridge communications gaps between the school and the various public entities that it serves. In addition, OGCS understands that technology is critical to the enhancement of school-parent-community-business collaborations around shared academic goals.

We continue to utilize technology at the school to inform and empower parents and the broader community; showcase success stories and best practices; relay timely messages and updates; and connect parents and community members with the goals, strategies, and actions of the school's plan. As a snapshot, OGCS continues to utilize technology during PTO and board meetings; streams video announcements ; implemented and will continue to use the Sharp School learning management system-powered school Web site ; We continue to use Facebook, electronic newsletters; and warehouses training and instructional videos for TV and the Web; and posts reports, data, and news on its Website.

Microsoft Outlook, a school based email system, continues to be used to send brief messages to parents. In general, parents and community members also use traditional means—e.g. placing phone calls to our school, writing letters, and participating in meetings to communicate ideas. For the past three years OGCS has added social media Facebook—to strengthen connections with the public and send timely messages.

TECHNOLOGY DIMENSION 4 OGECS 2015-2018

B. OBJECTIVES AND STRATEGIES

GOAL: OGCS will elevate achievement overall, close the achievement gap, and reduce the retention rate by using technology to better inform, engage and empower parent, community, business and faith-based groups.

OGCS teachers have developed websites as part of their GBE goals and have moved into the creation of Open Educational Resources with Net Texts.

Recipients of several grants that facilitate the learner process include:

Grants Received

iPads for all students in Grades 3-5

4 iPads for each K-2 classroom

2014—1 year of Reflexmath.com (35 seats)

2015-Moby Max. 2 months of Mobymax.com premium and 1 free android tablet.

Janet La Borde - Wonder Works Grant

The mini-grant program is funded by Project Impact, which is an ongoing initiative originally sponsored by the Federal Emergency Management Agency (FEMA) to assist local communities in becoming more disaster resistant.

\$500 towards the field trip to Wonder Works in Myrtle Beach, SC

| OBJECTIVES | STRATEGIES |
|---|--|
| 4.1 Continue to inform, engage and empower parents and community members around goals, strategies and actions of OGCS's Mission and Vision Statement. | A. Continue to expand Web-based communications vehicles that target parents and community members. B. Continue to build video capacity and TV programming around parent/community audience informational needs. C. Continue to devise strategies to to |

| | |
|--|--|
| | engage audiences and share timely information with parents and community members. |
| <p>4.2 Continue to enhance communications between teachers and principals; empower OGCS staff, principals and teachers to better communicate, partner with, and involve parents and broader public entities served by the school.</p> | <p>A. Continue to create web-based communications vehicles—including Parent and Teacher Portals—that strengthen the sharing of information between, and connect teachers, principals, and parents.</p> <p>B. Continue to use the school Web site to recognize and reward the work of teachers, principals and students.</p> <p>C. In partnership with Sharp School, continue to enhance the usage and utility of school-based Web sites/learning management systems and their parent/community communications tools and resources.</p> <p>D. Continue to use satellite-based TV and Web-based networks to communicate OGCS’s key priorities and messages to teachers, principals, staff and parents.</p> |
| <p>4.3 Continue to connect OGCS with the Charleston County business community. Inform, engage and involve the business community about OGCS messages, priorities, and key academic goals of the OGCS Mission Statement and Vision.</p> | <p>A. Continue to expand Web-based communications vehicles that build, enhance and highlight business-school partnerships and activities.</p> <p>B. Continue to Increase capacity for business partnership building and targeted comprehensive volunteerism around literacy and reading goals.</p> <p>C. Continue to leverage business partnerships and advisory committees to enhance learning at the elementary and middle school levels around career themes.</p> |

C. ACTION LIST

GOAL: OGCS will elevate achievement overall, close the achievement gap, and reduce the retention rate by using technology to better inform, engage and involve parent, community, business and faith-based groups.

4.1.A.1. Continue to expand and market social media communications tools— Facebook and YouTube.

4.1.A.2. Continue to use Sharp School learning management system to expand communications capacity of school web site.

4.1.A.3. Create new Parent and Teacher Portals to strengthen connections between learning in the classroom and learning at home and in the community.

4.1.A.4. Continue to create web-based parent-community and staff newsletters.

4.1.A.5. Continue to connect PTA and parent council groups through enhanced e-mail/web communications systems.

4.1.A.6. Expand the production, posting, and marketing of videos that communicate school priorities, events, initiatives and highlight student and school successes.

4.1.B.1. Continue to create news show(s) that communicate:

- key school goals/priorities for parents
- provide helpful tips, resources, and materials to parents and community members
- offer the latest high-priority news and information highlights that parents need to know.

4.1.B.2. Continue to utilize various types of media to focus on key academic topics.

4.2.A.1. Continue to move from hard copy forms creation/distribution to standardized electronic forms system.

4.3.A.1. Build usage of videoconferencing for internal and external communications.

TECHNOLOGY DIMENSION 4 OGECS 2015-2018

D. ACTION PLAN

| GOAL | ACTION ITEM | BUDGET REQUIRED | TARGET COMPLETION | STATUS | | |
|--|---|-----------------|-------------------|--------|---|---|
| | | | | C | A | M |
| <p>Inform, engage and empower parents and community members around goals, strategies and actions of OGCS's vision.</p> | <p>Expand and market social media communications tools—Facebook and YouTube.</p> | | Ongoing | | | |
| | <p>Continue to create and expand electronic parent, community and staff newsletters.</p> | | Ongoing | | | |
| | <p>Expand the production, posting, and marketing of videos that communicate school's priorities/events/initiatives, and highlight student, school, and staff's successes.</p> | | Ongoing | | | |
| | <p>Cross-market video across different media platforms—webcast, TV, announcements, and "feature video" communications around key academic topics.</p> | | Ongoing | | | |
| | <p>Continue to move from hardcopy forms creation/distribution to standardized electronic forms system.</p> | | Ongoing | | | |
| | | | | | | |

| | | | | |
|---|---|---------------------|-------------------------------|--|
| <p>Enhance communication among teachers, parents, principals, and staff. Empower OGCS staff, principals, and teachers to better communicate, partner with, and involve parents and the broader public served by the school.</p> | <p>Expand usage of videoconferencing across classrooms and schools.</p> <p>Continue to utilize parent-teacher Portals. Launch SharpSchool learning management system .</p> <p>Expand school- and office-based social media usage.</p> | | <p>Ongoing</p> <p>Ongoing</p> | |
| <p>Meaningfully connect OGCS with the Charleston County business community. Inform, engage and involve the business community around OGCS's messages, priorities, and key academic goals of the school's Vision.</p> | <p>Continue to create and expand web-based parent, community and staff newsletters.</p> <p>Use social media to promote connections between school and community/business groups.</p> <p>Continue to create volunteer community pages/online systems that link school needs with business community resources.</p> | | <p>Ongoing</p> | |
| <p>Encourage, recognize and motivate students, teachers, partners and staff. Enhance and boost the image of the school including students, faculty and administration.</p> | <p>Expand usage of enewsletter across parent, staff, community members and other stakeholders.</p> <p>Produce videos that tell the school's "story" and highlight school, staff and student accomplishments. Cross-market video across different media—webcast, TV, announcements,</p> | <p>Sharp School</p> | <p>Ongoing</p> <p>Ongoing</p> | |

| | | | | |
|--|---|--|----------------|--|
| | <p>and "feature videos" around key topics.</p> <p>Continue to use social media tools to communicate student, school, and staff's successes.</p> | | <p>Ongoing</p> | |
|--|---|--|----------------|--|

E. FUNDING CONSIDERATIONS

Utilize expertise of staff members.

Use existing Video Services and staff expertise.

Videoconferencing – use equipment currently available. Incorporate additional equipment into 2015-2018 budget as funding becomes available.

Continue to use inhouse broadcast system for communication during meetings and events.

Support Capacity

Goal

OGCS will provide information and high performing technology systems and services that empower our teachers, administration, and staff to focus on student learning/achievement and supporting business functions.

SNAPSHOT OF CURRENT TECHNOLOGY USE

OGCS utilizes approximately 453 laptops and PCs, and 100 network printers for classroom, lab and administrative purposes. To enable end-user operations, our networks employ 4 servers, 25 switches, and approximately one router.

Our Information Technology department continues to have 1 full-time employee who has over 19 years of experience in the field. The IT person responds to each support request from faculty and staff.

Most issues are able to be resolved within the same day. If support is not able to be provided internally, it is outsourced to the appropriate company(ies) that can resolve the issue(s).

OGCS has transitioned to Sharp School to sync with the CCSD School District. Our Technology Specialist and Technology Instructor maintain the internally-hosted Intranet and school web site respectively.

OGCS also internally hosts and maintains our e-mail services using Microsoft Outlook.

Our network backbone services are available 99.8% of the time.

Assessment of Technology State and Needs:

The school is continuing implementation of a 1:1 strategy that we know will further stress the wireless environment and support the Bring Your Own Device strategy. There will be a need for expansion of servers and addition of access points at our school.

We are still exploring the use of Cloud computing as a storage option, but no final decisions have been made. Access points remain our biggest challenge due to the number of devices that are used concurrently.

OBJECTIVES AND STRATEGIES

| | |
|---|---|
| <p>5.1 Plan and implement technology systems appropriate to support OGCS's increasing use of technology including 1:1 initiatives, Bring Your Own Device, and storage issues.</p> | <p>A. Integrate initial outfitting for technology into the building and renovation cycles for facilities.</p> <p>B. Continue to employ systemic technology planning to facilitate wise expenditure of scarce resources to support teaching and learning.</p> <p>C. Continue to maintain a viable classroom modernization program to prevent obsolescence to the detriment of teaching and learning.</p> |
| <p>5.2 Continue to ensure technology systems are highly available at the lowest cost possible.</p> | <p>A. Life-cycle planning for technology systems is in place.</p> <p>B. Ensure committees oversee key initiatives.</p> |
| <p>5.3 Deliver clearly communicated and customer-focused technology support via a highly qualified workforce.</p> | <p>A. Develop a culture of high-quality customer service through organization-approved performance measures.</p> <p>B. Employ standardized methodologies to communicate and improve services.</p> <p>C. Improve controls, data handling, processes, and automation to enhance user experiences.</p> |
| | |

TECHNOLOGY DIMENSION 5 OGECS 2015-2018

C. Action List

GOAL:

OGCS will provide information and high performing technology systems and services that empower our staff to focus on student learning/achievement and supporting business functions.

1. Update technology condition assessments annually to facilitate data required to identify priority needs.
2. Annually analyze telecommunications condition assessments, current services, annually to ensure that appropriate telephone, cellular, long distance, local, data, and paging services and equipment are employed to support instruction.
 - 2.1. Continue to trend bandwidth utilization and submit requests for additional bandwidth to the State Office of the CIO as needed to maintain adequate support for instruction and support activities.
 - 2.2. Upgrade telephone systems in school based on instructional needs and hardware life cycles.
3. Analyze network condition assessments, instructional needs, and technology hype cycles™ annually to ensure appropriate network design, cabling, electronics, protections, and maintenance to enable sufficient network capacity and secure operations.
 - 3.1. Upgrade network electronics in school based on instructional needs and hardware life cycles.
 - 3.2. Analyze and plan strategy to upgrade to wireless overlay with capacity sufficient to support one-to-one computing initiative.
- 4.1. Upgrades servers in school based on instructional needs and hardware/software life cycles.
- 5.1. Continue computer replacements based on needs assessments and warranty status.
- 5.2. Pilot and deploy 1:1 computing for classroom instruction in accordance with best practices, cultural appropriateness, and funding.
6. Continue to implement Web-hosting, e-mail, and learning management systems to enhance instruction and management via stand-up, blended and online learning.
7. Continue to upgrade and repair classroom sound enhancement systems.
8. Upgrade school data center to equip with adequate fire safety and suppression systems,

environmental controls, electrical power, floor space, and staff facilities.

TECHNOLOGY DIMENSION 5 OGCS 2015-2018

The action plan ties the action items to budget and completion timeframe. Status is simplified to encourage and enable the responsible parties to easily update status. A date and initials will be used in status fields to record progress. External documents containing details may also be referenced in the field.

D. Action Plan

| GOAL | ACTION ITEM | BUDGET REQUIRED | TARGET COMPLETION | STATUS | | |
|---|---|-------------------------------------|-------------------|--------|---|---|
| | | | | C | A | M |
| OGCS will continue to provide information and high performing technology systems and services that empower our customers to focus on student learning/ achievement and supporting business functions. | Update technology condition assessments annually to facilitate data required to identify priority needs. | Erate and school operational budget | Annually | | | |
| | Analyze telecommunications condition assessments, current services, and technology hype cycles™ annually to ensure that appropriate telephone, cellular, long distance, local, data, and paging services and equipment are employed to support instruction. | | Annually | | | |
| | Submit requests for additional bandwidth to the State Office of the CIO as needed to maintain adequate support for instruction and support activities. | | Annually | | | |
| | Monitor systems for sufficient network capacity and secure operations. | | Ongoing | | | |
| | Upgrades network electronics in schools based on instructional needs and hardware life cycles. | | Ongoing | | | |

| | | | | |
|--|--|--|---|--|
| | <p>Plan to upgrade Wireless with capacity sufficient to support one-to-one computing initiative.</p> <p>Analyze and upgrade servers based on server condition assessments, instructional needs to ensure appropriate server design, capacity and maintenance to enable instruction and operations.</p> <p>Analyze client station conditions, instructional needs to ensure appropriate client design, capacity, and maintenance to enable instructional and operations objectives.</p> <p>Continue computer replacements based on needs assessments and warranty status.</p> <p>Pilot and deploy one –to – one computing for classroom instruction in accordance with best practices and cultural appropriateness.</p> | <p>Based on budgetary allocations</p> <p>\$40,000/year</p> | <p>Ongoing</p> <p>Ongoing</p> <p>Annually</p> | |
|--|--|--|---|--|

TECHNOLOGY DIMENSION 5 OGCS 2015-2018

E. FUNDING CONSIDERATIONS

In order to fund OGCS Support Capacity improvements, General Operating Funds are used for basic telecommunications, cellular/data services, network maintenance software and services, internet access, student and staff email, and contracted technological support services for both operational and systemic instructional software.

The E-Rate program is an important part of OGCS Technology Support Capacity initiatives and helps us leverage our funds. Each year OGCS assesses and applies for Web hosting and Telecommunications (local, long distance, cellular/data) services based on program rules and profitability. The OGCS Charter Board annually commits funding for E-Rate supported expenses to demonstrate compliance with E-Rate regulations.

IT has prioritized its work through meetings of the school –based Technology Committee.

- Infrastructure Preparation
- Wireless Infrastructure
- 1:1 Computing
- Bring Your Own Device support
- Technology Tools Expansion

Wireless infrastructure was identified as the greatest need as it is taxed by current practice and will be prerequisite to a successful 1:1 computing implementation. We are still in the process of evaluating an RFP designed to identify the best wireless implementation to support instruction. OGCS has piloted a 1:1 strategy using iPads. Whether iPads or another tool, OGCS feels that it is essential to advance classroom instruction by continuing to move towards anytime-anywhere learning.

OGCS will continue to use Sharp school website tools. Each teacher will continue to manage their own website to facilitate communication between parents, and community.

Attachment A

Mission Statement

The mission of Orange Grove Charter School is to develop students with the intellectual power to become confident, caring, and responsible life-long learners by providing an innovative, supportive learning environment that emphasizes creative and critical thinking skills while respecting individual differences.

Belief Statements:

- People deserve to be treated with respect.
- People must be held accountable for their actions and learning.
- People have a need to feel safe, secure, loved, and accepted.
- People have a right and responsibility to be life-long learners and to contribute positively to society.
- People are unique and individual differences need to be recognized and respected.
- Students are entitled to support of their learning, at home and at school.
- People should be given the opportunity to learn and excel according to their individual modality and rate of learning.
- People are entitled to their own views and opinions and to have the opportunity to express them in an open, courteous forum.

Vision Statements:

- Students, parents, and teachers show responsibility for their actions, and fair and natural consequences are consistently enforced and accepted as a means to learn and grow.
- Every student works to his fullest potential, respects others, and will feel the need to be a responsible, life-long learner.
- Class size enables students and teachers to have adequate time for personal interaction and individual instruction.
- Teachers use a variety of innovative teaching approaches to provide a multi-leveled curriculum, so each child may achieve his potential.
- Every student works to his fullest potential to achieve success within a curriculum that meets his needs for present, and builds scaffolding for the future.

- There is strong communication and support among administrators, teachers, parents, and students.
- Students begin to develop a life long love for learning and a curiosity of the world around them.
- Students with learning differences are diagnosed promptly and their needs are met in an appropriate learning environment.
- Teams of administrators, teachers, parents, and community representatives work together to provide a positive learning environment.

Learner Standards:

- Students will relate to others in a respectful and cooperative manner.
- Students will demonstrate mathematical and scientific literacy in solving real-life problems.
- Students will develop a love for reading and appreciation for quality literature.
- Students will demonstrate proficiency and knowledge in the use of technology.
- Students will be able to comprehend and communicate ideas effectively in verbal and written form.

School: Orange Grove Charter School 2015-2018

Attachment B

External and Online/Onsite Professional Development to date

Principal

Education Specialist Degree

Superintendent Certificate

Assistant Principal

The Citadel, Master of Education, 2012

Curriculum Specialist

Doctor of Philosophy in Educational Administration December 17, 2012

Recertification completed for NBPTS- Kelly Shively (4th) and Tricia Porter (1st)

NBPTS Recertification in progress:

Lori Berry(2nd), Sharon Dillon (Gifted and Talented),and Steve Arato (Special Needs)

Courses taken by Teachers in Various Grade Levels between 2013 to present:

Jimmie Breaux (Kindergarten)

GRAD: One-to-One Learning with iPads: GETTING STARTED

Discovery Education Science Techbook for Pilot Schools

Science Kit: My Weather

Science Kit: Materials In Our World

60 GRAD: Differentiating Instruction through Technology Integration

Monica Funk (Kindergarten)

GRAD: One-to-One Learning with iPads: GETTING STARTED

GRAD: One-to-One Learning with iPads: NEXT STEPS

Ann Eaves (Kindergarten)

CCSD – Literacy Beginnings

CCSD/COC – iPad Level II

Jennifer Porter

EDUC 622 Addressing and Assessing Student Needs 60.00 hours at CSU 2013

School: Orange Grove Charter School 2015-2018

Attachment B

External and Online/Onsite Professional Development to date

All teachers attended the Science Techbook workshop presented by CCSD and Allison Steffens

Amy Yates (1st)

Masters in Education in Science and Math for Teachers will be completed May 2015

Kim Copeland (4th)

Energy Educators Institute last summer with Santee Cooper 60 recertification hours

Elisa Ruopoli

Working on Masters+30 in Language Arts

Mary Morris

Working on EdS Leadership/ EdD to be completed in June

Angela Hlavac

Working on Doctoral Program in Educational Administration

Janet LaBorde

ED 589 Colorado Educators Association Course Title: National Board Certification: The Assessment Center Exercises

Credit Hours: 3.0 semester hours

ED 589 Colorado Educators Association Course Title: National Board Certification: The Portfolio

Credit Hours: 3.0 semester hours

Bronwen Bethea (4th)

Masters +30 - July 2014.

3 Additional classes post- Masters degree:

Reaching Diverse Learners

Energy Educators Institute (sponsored by Santee Cooper)

School Law

Ed Carson (Spanish 3-5)

Second Language Acquisition

Integrating Technology

2 classes - Seminar in Hispanic Studies (Spanish)

Topics in Latin American Culture (Spanish)

Janice Biggs

3 hr graduate credit class called the Energy Educators Institute

Previous years' PD

CD

SMART Board Beginning

SMART Board Intermediate

K-3 Teacher

SMART Board Beginning

SMART Board Intermediate

K-5

Masters +18 hours.

K-6

3 hour graduate course from Limestone College- Interactive smartboard.

K-7

2012 Early Childhood Summit at CofC for 10 hrs credit,

Oral motor/feeding workshop for 20 contact hours.

1F

Education Specialist Degree

2F

Intermediate and Advanced

Smart Ideas

Concept Mapping

4B

Counselor education at The Citadel – 51 graduate hours

4C

Using the Interactive SMART Board to Enhance Learning: Beginners 20 credits

STEM: Infusing Math and Science Across the Curriculum K-12 60 credits

4E

Charleston: On and Off the Wall – 2 hours

SmartBoard Beginner – 15 hours

SmartBoard Intermediate to Enhance Learning – 15 hours

4F

Completed Masters Degree

5A

June 11 STEM CSI for Elementary

June 11 STEM physical science

Aug 11 STEM Water Water Everywhere

Aug 11 STEM Life Science

Feb 10 Tech 29513 Collaborative Writing in a digital age

Spring 12 Tech 29934 Introduction to Gizmos

Aug 11 Inquiry for science lessons

Aug 11 district PD Gifted and ELA teachers

5F

Web 2.0 20 GRAD credits

SMART Board Intermediate 20 GRADcredits

SMART Board Advanced 20 GRADcredits

Virtual Field Trips 20 GRADcredits

AS 4

Professional Certificate Renewal Workshop

Smart Board Intermediate

Using the New Generation of the Web to Engage Learners

Google Earth

Awesome Interactive Web tools

Intermediate Reading Skills from PBS Teacher line

AS 5

South Carolina Early Childhood Association Conference (9 hours)

Recertification Web 2.0 (20 Recertification Hours)

SAIL

Masters +30 in Educational Leadership

8 hour workshop Lego and Robotics

CL

MA Education with National Board Certification Specialization from National University 2010-2011

MS

8 hour workshop Lego and Robotics

PE1

SMART Board Beginning

SMART Board Intermediate

TC

Using Web 2.0 Tools to Integrate Curriculum 20 credits

Computer Lab Teacher

MA ED Education with National Board Certification Specialization from National University 2010-2011

TS

8 hour workshop Lego and Robotics

SE Resource

CPI Instructor Recertification Program on 9/14/2010-9/17/2010 (32 total hours)

Administration

CPI Instructor Recertification Program on 9/14/2010-9/17/2010 (32 total hours)

Third Grade Teachers

SRA Workshop - 5 recertification hours - July 24, 2012

School: Orange Grove Elementary Charter School 2015-2018

Attachment C: Onsite and Offsite Professional Development

STAFF DEVELOPMENT EXAMPLES 2012-2015

Kindergarten

| Date | NAME | TOPIC |
|-------|-------------|---------------------------------|
| 11/17 | M. Funk | Teacher Web Smilebox |
| 11/29 | Grade Level | 1st meeting. No skills covered. |

1st Grade & Kerri Sturm

| Date | NAME | TOPIC |
|------|-------------|----------------------------------|
| 12/1 | Grade Level | MAP Review and Needs Discussed |
| 1/19 | Grade Level | Resources, Resources All Around! |

| | | |
|------|-------------|--|
| 12/6 | J. Lapin | Teacher Web Smile box |
| 12/1 | J. Breaux | Teacher Web Video |
| 1/10 | Grade Level | Resources, Resources All Around! |
| 2/9 | Grade Level | Smart Board as Center & Smart Board video player |
| 3/8 | Grade Level | CrickWeb, Avatars, NeoK12 Videos |

| | | |
|------|-------------|---|
| 2/16 | Grade Level | Smart Board as Center & Smart Board video player, Discovery Education video downloads, Data storage discussion (potable hard drives) FOLLOW UP re: TERRABYTES for GRADE LEVELS |
|------|-------------|---|

2nd Grade & G. Handal

| Date | NAME | TOPIC |
|-------|------------------|---|
| 11/16 | Elizabeth Carson | Power Point: group objects, hyperlinks |
| 12/6 | Grade Level | Map Review & Teacher Web HTML |
| 1/24 | Grade Level | Adding POP to the Basics |
| 2/7 | A. Clemens | Amy Clemens: Animoto |
| 2/15 | J. Fralix | iTunes & Animoto |
| 3/1 | Grade Level | Smart Board Video Player & Teacher Web Quiz Maker |

3rd Grade

| Date | NAME | TOPIC |
|--------|-------------|---|
| 1/5/12 | Grade Level | Map Review & Teacher Web HTML |
| 1/31 | Grade Level | Animoto Video & Adding Pop to the Basics: Wordles, Ology, Arcademic Skillbuilders |
| 3/1 | Grade Level | Smart Board Video Player & Teacher Web Quiz Maker |

4th Grade

| Date | NAME | TOPIC |
|-------|-------------|---|
| 12/13 | Grade Level | Map & Teacher Web HTML/Plug-ins |
| 2/2 | Grade level | Resources All Around: Ology, Arcademic Skills, Wordle |
| 3/1 | Grade Level | Smart Board Video Player & Teacher Web Quiz Maker |

5th Grade

| Date | NAME | TOPIC |
|-------|-------------|--|
| 12/15 | Grade Level | Map & Teacher Web HTML/Plug-ins |
| 2/7 | Grade Level | Resources All Around: Ology, Discovery Ed Atlas, Wordle |
| 3/6 | Grade Level | Teacher Web Quiz Maker, Social Studies Links, MapMaker Interactive & Xpeditions by National Geographic |

STAFF DEVELOPMENT 2012-2015

Special Areas

| Date | NAME | TOPIC |
|------|------|---|
| 2/14 | | Staff Devel resources, plug-ins, o; Rit Band Lessons: Internet 4 Classrooms & |
| 2/17 | | <i>See One-On-Ones & Work Days</i> |
| 3/14 | | Teacher Web Response Page (Quiz Maker) & UrbanFonts.com |

One-on-Ones

| NAME | TOPIC |
|---------------|---|
| E. Carson: | Power Point hyperlinks |
| Berry: | page plug-in |
| Fralix: | iTunes & Animoto |
| Amy Clemens: | Animoto |
| Edlin: | yearbook |
| Hinestroza: | Yearbook |
| White: | Yearbook |
| Carlson: | SmileBox (email communication) Follow up w/ HTML on TWeb |
| Gail Pilgrim: | Staff Development Resources O: & Teacher Web |
| Hlavac: | Fonts |
| Hlavac: | NeoK12 Online Presentations |

Work Days

| Date | FACILITATOR | TOPIC |
|-------------|--------------------|--|
| 11/8 | Mary Morris | Smart Tech ESOL Webinar |
| 12/6 | Elisa Mason | Holiday Labels |
| 1/24 | Leticia Reed/Chase | What Teachers Make |
| 2/7 | Schonveld | United Streaming: Look what it can do now! |
| 2/28 | E. Wilson | Get it Together! Managing all the hats |
| 3/13 | Tricia Porter | Pinterest |
| 3/27 | Elisa Mason | Beginner Excel Templates (Next Year) |
| 4/17 | Maria Hinestroza | Class DoJo (Cancelled) |
| 4/24 | Janet LaBorde | Make & Take Invitations |
| 5/1 | Leticia Reed | Go Animate! (Next year) |
| 5/15 & 5/22 | See above | |

| Date | NAME | TOPIC |
|------|----------------|--|
| 1/13 | Morris | Teacher Web Assisted Workshop |
| | Mike Walsh | Outlook <i>OGE Fighting Tigers</i> contacts added & emailing |
| | Kathie Planton | Added Spring Chorus Animoto to Teacher Web using HTML. |
| 3/23 | | Make-Up Sessions: |
| 3/29 | 2-3pm | Make-Up Session |

OTHER

| NAME | TOPIC |
|--|-------------------------------------|
| Gathered and shared resources via email. | <u>NATIONAL READ ACROSS AMERICA</u> |
| Researched/Collected Moon Phases resources | Moon Phases Resources Links & Food |

| NAME | TOPIC |
|------|-------|
|------|-------|

Acceptable Use Policy (AUP)

**Charleston County School District
Orange Grove Charter School**

2015-2016 Acceptable Use Policy

Internet—Terms and Conditions of Use

Define a Purpose for Internet Use: All use of the Internet during school hours must be in support of education and research and consistent with the educational objectives of the school district. Users must have a well-defined, documented reason for accessing the Internet. No "surfing" is allowed. "Surfing" is the term for unstructured searches, or just exploring to see what is out there. Students must have a topic, or subject, to be researched; and it must be directly related to a given assignment from one or more teachers. There should be adult supervision while any student is researching on the Internet.

Maintain Network Etiquette (sometimes called "Netiquette"):

- Be polite. Do not send abusive or threatening messages to others.
- Do not swear or use vulgarities or other inappropriate language.
- Do not send credit card numbers, bank account numbers, social security numbers, personal addresses, or personal phone numbers across the Internet.
- The Internet is not a secure or private means of communication; you never really know who else may be "listening in." People who operate the system have access to all mail. Messages relating to, or in support of, illegal activities may be reported to the authorities.
- Do not disrupt network communications. Disruptions would include downloading large files, sending mass e-mail messages, transmitting virus routines, or annoying other users.
- All information accessible via the network should be assumed to be private property of the person presenting the material.

1. **Acceptable Use:** The purpose of NSFNET (National Science Foundation NETWORK), which is the backbone network to the Internet, is to support research and education in and among academic institutions of the U.S. by providing access to unique resources and the opportunity for collaborative work.
2. **Privileges:** The use of the Internet is a privilege, not a right, and inappropriate use will result in the cancellation of the privilege. (Before students log on to the Internet, they will be part of a discussion with a CCSD/Orange Grove Charter School teacher pertaining to the proper use of the network.) Any misuse of the Internet will result in disciplinary action by an administrator in the school/district.
3. **Security:** Security on any computer system is a high priority, especially when the system involves many users. If a user feels he can identify a security problem on the Internet, he must notify a system administrator or the District Internet Coordinator. Do not demonstrate the problem to other users. Do not use another individual's account without written permission from that individual. Attempts to log on to the network as a system administrator will result in cancellation of user privileges. Any user identified as a security risk or having a history of problems with other computer systems may be denied access to the Internet.
4. **Denying Access:** If a parent or guardian is uncomfortable with the option of his or her child(ren) accessing the Internet, the student(s) may be assigned to a different activity when classmates are

using the Internet. That decision may be indicated in the parent signature part of the Student Technology Use Agreement: the student(s) will then be assigned an alternate activity.

5. **Disclaimer:** Charleston County School District/Orange Grove Charter School makes no warranties of any kind, whether expressed or implied, for the service it is providing. Charleston County School District/Orange Grove Charter School will not be responsible for any damages suffered while using the Internet. This includes loss of data resulting from delays, nondeliveries, misdeliveries, or service interruptions caused by its own negligence or your errors or omissions. Use of any information obtained via the Internet is at your own risk. Charleston County School District/Orange Grove Charter School specifically denies any responsibility for the accuracy or quality of information obtained through its services.
6. Filtering and blocking internet sites is in response to the need to meet federal requirements such as the CIPA (Child Internet Protection Act). CIPA is a federal law that requires schools to protect students from inappropriate content on the internet. The technology of Internet filtering software is not guaranteed. Anything that is brought to our attention will be addressed immediately.

I have read and understand the rules and requirements for accessing information on the Internet. I agree to abide by the rules and I further understand that any violation of the rules is unethical and may constitute a criminal offense. Should I commit any violation, my access privileges may be revoked for the remainder of the year. School disciplinary and/or appropriate legal action may be taken.

Student's Signature

Parent's Signature

Internet and Media Release

Orange Grove Charter School celebrates and shares our achievements with the community. The relationship with the community supports and enhances your child's education. We want to celebrate your child's achievements; showcase our school; and share work created by students and staff. Our teachers would like to add students' photos, writing and/or art work on our school home page. Some of these documents may be located on the World Wide Web (WWW) and can be seen throughout the world by people with access to the WWW through the Internet. Below is a parental consent form requiring permission for your child's photos, writing and/or art work to be posted on our website. For security reasons **only first names of students** will be used. Orange Grove Elementary Charter School's website can be accessed at <http://www.ogecs.com>.

Orange Grove Charter School is a member of Artsonia.com (www.artsonia.com), the largest online student art museum. Artsonia showcases artwork from thousands of schools around the world. Artsonia's goals are to help develop students' pride and self-esteem, increase their multicultural understanding through art and involve parents and relatives in student education and accomplishments. One of the most exciting features about being published on Artsonia's Art Museum is that friends and family can leave a nice comment for the artist and become a fan club member of the artist. As a security feature, Artsonia requires the parent to pre-approve all comments before they are posted on the website. This is one of many examples of how important your child's safety and privacy are to Artsonia

In accordance with our school policy, we need your permission before we can showcase your child's artwork on our school's Artsonia web gallery. The permission will cover their tenure at our school. This is a unique, safe and exciting educational opportunity for the students. Let's join the hundreds of thousands of other famous child artists on the Internet!

Orange Grove Charter School often has the opportunity for positive media coverage of special events in the life of our students while they are at school or are participating in school sponsored events. The school district encourages media coverage so that the citizens of Charleston County may learn about the awards and accomplishments of the students.

With your permission, your child may be included in such media activities at Orange Grove Charter School. This coverage may include still photographs, articles in newspapers and educational literature, videotapes and audio recordings.

Disclaimer:

As you are aware, there may be some dangers associated with the posting of information on a web site. Access to the Internet does not allow us to control who may view information. The law requires that we ask for your permission to use information about your child. We will not release any personal information without your written consent. If you wish to change this agreement, you may do so at any time by contacting Gabrielle Tyner, gabrielle_tyner@ogecs.com and we will make the necessary changes.

By signing the permission form below you agree that your child may be included in all of the following activities which may be published on teacher/school websites and/or in local newspapers and television broadcasts:

- Photos
- School projects
- Art work posted on Artsonia
- Videos
- Local Newspaper Articles
- WTMN News
- Terrific Kids
- Educational Literature
- Audio Recordings

___ I give permission to have my child included in these activities.

I do not give permission to have my child included in any of these activities. I understand checking this part of the letter that my child will be excluded from any media covered activities (photos, public and internal videos, media coverage).

Student's name _____

Teacher/Class _____

Parent's Signature _____

Date _____

Parent-Teacher Email Communication

Teacher parent communication is an important element to the educational success of our students. As technology progresses, our staff has become aware of the efficiency and benefits of electronic mail as a valuable communication tool. It is important to remember however, that email is not always a completely secure or confidential method of communication. We would like to make e-mail available as another way for parents to communicate with their child's teachers where appropriate. This includes school and classroom newsletters, homework assignments, performance updates, announcements, and events. We respect the fact that privacy laws must be maintained, especially as they relate to student records. We will not send any student information via e-mail unless we have a signed permission form from a parent/legal guardian. If your e-mail address changes, you are required to fill out and sign an updated form before we send information to the new address. Remember, parent emails are confidential. Do not share, sell, or use school email addresses for personal use. To insure privacy, please use Bcc (blind copy) for any bulk emails that are sent.

*****No more than 2 email addresses per family will be permitted.**

___ I grant permission for information regarding my child to be sent to me via e-mail, at the following e-mail address(es):

Student's Name _____ Class _____

Parent/Legal Guardian's Signature: _____ Date _____

Summary

Our technology needs versus what we actually will have in place will vary in the next three years based on budget constraints. In addition to securing the necessary hardware used to facilitate the learning process, we would like the following continued:

- Web Based MAP for assessment
- IXL MATH
- Discovery Streaming
- OPAC
- New Laptops
- Additional Chrome Books and/or iPads
- Scholastic Core Clicks Web-Based Reading Program
- Super Teacher Subscription
- Enchanted Learning Subscription
- Accelerated Reader
- STAR Diagnostic Testing
- Increase the number of Ebooks in our Media Center
- Continue WTMN News Show
- Maintain and update our Web Filtering System
- Utilize YTD and Safe TV to download and filter out inappropriate items prior to student viewing
- Adhere to the AUP for OGCS to ensure that our students are in a safe learning environment
- Provide all necessary services to ensure that the 6th grade students have an equitable learning environment.
- Continue to apply for grants for programs that will enhance the educational experience of our students.
- Additional iPads/Chrome Books
- In one or more computer labs create a center –driven environment with laptops, desktops, iPads/Chrome books at various stations to allow students' access to a variety of tools that will enhance their workforce experience in the coming years.

Master Technology Plan Budget Addendum

2015-2018

Orange Grove Charter School

Please note these are our projected expenditures, and may fluctuate depending on our changing technology needs, budget, and needs of our clientele.

In addition to state funding, our PTO provides funds to cover technology expenditures. Fundraisers are held throughout the year to help supplement our technology needs. Several teachers have received grants to help our school acquire programs and/or equipment for either individual classrooms, or for school wide use.

| Item | Cost Per Item | Total |
|---|-------------------------|---------------------|
| Cisco Smartnet for 5508 Controller | 1300.00 | 3,900.00 |
| Watch Guard support | 1000.00 | 3,000.00 |
| NOD 32 = 32 | 6,600.00 (for 3 years) | 6,600.00 |
| Projector maintenance = \$9,000 As needed | 12,000.00 | 36,000.00 |
| Printers | 700.00 | 21,000.00 |
| Printer Cartridges/Toner/Paper | 2500.00 6000.00 | 7500.00 18000.00 |
| Smart Board accessories | 500.00 | 1500.00 |
| Servers - New School | 14,000.00 | 42,000.00 |
| Phones | 600.00 | 1800.00 |
| Security: Badge System \$225+\$85 | 310.00 | 930.00 |
| Projector Bulbs | 1,000.00 | 3000.00 |
| System Purchases: Tablets, Laptops, Desktops | 50,000.00 | 150,000.00 |
| System repairs: iPads, Laptops | 2,000.00 | 6,000.00 |
| System accessories | 3,500.00 | 10,500.00 |
| Filtering Support | 1,000.00 | 3000.00 |
| Surveillance | 1,000.00 | 3,000.00 |
| Consulting | 1,000.00 | 3,000.00 |
| Internet | 1,000.00 | 3,000.00 |
| Raptor | 2334.00 | 9,336.00 |
| Accelerated Reader/STAR | 6692.02 | 20,076.06 |
| OPAC/Follet | 2547.00 | 7641.00 |
| IXL Math | 3000.00 | 9000.00 |
| IXL Reading | 3000.00 | 9000.00 |

| | | |
|--|-------------------------------|-----------|
| | | |
| Discovery Education –sliding scale – increased by \$200 yearly | 1295.00 1495.00 1695.00 | |
| Core Clicks | 3000.00 | 9,000.00 |
| VPP (Volume Purchase Plan for Apps) | 1500.00 | 4500.00 |
| My BrainPop | 1,000.00 | 1000.00 |
| eBooks | 7500.00 | 7500.00 |
| Infrastructure | 5,000.00 | 15,000.00 |
| Kid Pix | | |
| Document Cameras | 1250.00 | 3750.00 |
| | | |
| | | |

Submitted by Sharon Fisher, Technology Instructor

Orange Grove Charter School

March 23, 2015