Holland Technology Plan

· Introduction/Background

Holland Elementary is an elementary school with about 400 kindergarten to sixth grade students and 50 faculty and staff members located in Satellite Beach, Florida. The school was built in 1962 and named after a Spessard L. Holland who served as the governor of Florida from 1941 to 1945.

· Current State of Technology

The current state of technology at Holland Elementary includes thirty-seven classrooms outfitted with state of the art infrastructure and equipment. The school was renovated in 2007 to meet the sunshine state standards. This included structured cabling with Ethernet cat-6 to all rooms and 21st century classroom equipment including a projector, document camera, classroom amplification system, and a dvd\vcr combo with a tuner.

There are currently 225 computers at Holland with a 1:1 ratio of computers to teachers and a 1:2.25 computers to student ratio. There are at least four or more student computers in every instructional classroom with all necessary software installed. There are two dedicated computer labs with 28 computers each that is available during school hours for teachers to reserve for research and projects. The media center has six computers that are used for research and library based projects. We also have an iPad lab of 22 tablets that is available for checkout anytime.

· Needs Assessment/Gap Analysis

Going forward the state of technology here at Holland could be improved with training, implementation, and mobile devices. Currently, there are only 22 mobile devices available for use at Holland. The paradigm of educational technology has been shifting towards mobile computing for some time. This is where we need change immediately.

Training is also needed to come up with creative projects to keep our students engaged with technology while learning. With just 22 iPads available our teachers have come up with a multitude of projects available to enhance student learning and keep them engaged. With proper training our teachers can have a bigger toolbox to build more projects and better use technology. Implementation of new technologies would also help improve our current state of technology. Currently every classroom has a 21st century teacher station with a projector, document camera, classroom amplification system, and dvd\vcr combo. These technologies could be further enhanced by the implementation of a smart board solution in every classroom. Smart boards

would enhance the student learning experience by making a more interactive classroom available for everyday teaching.

· Goals

Goals for Holland Elementary technology include more training for the teachers to include improving teachers' technology literacy. More training for students to include improving students' technology literacy and purchasing more technology when available. This would help improve technology utilization here at Holland. We also would like to continue to acquire new technologies and make them available for teachers for instructional use. As always we will continue to strengthen the communication lines between our school and our community via our available technologies. Compiled below are some detailed goals in bulleted format.

- Promote equitable access to ALL students through the use of mobile and open labs
- Pursue training opportunities available to faculty and staff such as attending FETC, BETC, Professional Development Days, faculty meetings, open lab training, and Technology Integrator workshops
- Continue to build a foundational framework for technology integration in all grade levels aimed at more interactive lessons for students through our tech talks once a month
- Utilize Edline, Newsletters, School Website, PTO and SACC members, Technology Nights, and our Synervoice/ListServ system to inform community members of school events
- Continue to apply for technology grants and PTO fundraisers for additional hardware and web-based subscriptions
- Continue to integrate and expand the use of our current technology in classrooms to enrich the curriculum

· Support

Monetary support for our technology goals and objectives will come from continual funds passed down from the district that is designated for the purchase of technology needs. Any funds acquired through technology grants that are successfully won. Fundraising funds from the PTO that are designated for use by technology as well as any school monies designated to be spent for technology.

Physical support for our technology goals and objectives will come from our tech team consisting of our media specialist, technology associate, and additional teachers. The technology committee will continue to outline our future goals and progress as we try to

continually improve. We also plan to contact our technology integrators and facilitate their support for our technology goals.