

Smart Schools Bond Act

Investment Plan for Green Chimneys 2016

OVERVIEW

Green Chimneys located in Brewster, New York has been allocated a \$56,315 as part of the Smart Schools Bond Act. Based on the following Technology Plan, prepared by our teachers and technology staff, the goal is to utilize the funds to strengthen teaching and learning possibilities plus heighten career capabilities for students in our care through the use of technology.

PRECONDITIONS

As a precondition to utilizing the funds

- In keeping with the guidelines of Smart Schools Bond Act , the agency has reached out for feedback as to the school's current technology needs and future desires
- Through agency bulletins and professional staff surveys we have encouraged feedback to get a better picture of what is needed to keep our technology classrooms up to date and relevant to the needs of our student population.
- We have also observed other schools in the area to see how their technology departments are advancing and welcomed any feedback from as many stakeholders as possible as to how these funds can be spent to the best possible educational outcome and help in the development of long term future goals.

Purchase Plan:

MIS Department of Green Chimneys has targeted technology as a priority and plans to allocate all of the allocated funds to strengthen its wireless system. This will be done by upgrading access to Wi-Fi and placing additional access points within the three school buildings to strengthen its signal. Specifically...a wireless access point will be placed within each classroom and in each of the 4 hallways. We currently have 20 full classrooms with 8 sub teaching areas. Access point specs are as follows:

- Cisco Meraki MR66 - Hallways
- Cisco Meraki MR18 - Classrooms
- Additionally, by strengthening our wireless system within each classroom, Districts, which are sending wireless devices (iPads, laptops, Chromebooks and tablets) with Therapeutic Day students, will be assured that planned educational needs are being met.

ALLOCATION OF FUNDS:

| | | |
|--|----------|-------------|
| Cisco Meraki MR66 Wi-Fi Access Point | QTY 6 | \$4,842.00 |
| Cisco Meraki MR18 - wireless access point | QTY 26 | \$10,530.00 |
| Internal Wiring | 32 Count | \$9600.00 |
| Cisco Catalyst 3850-48PW-S - switch - 48 ports - managed - desktop, rack-mount | QTY 4 | 29,740.00 |

PLAN GOALS:

The enhancement of our wireless system will significantly increase uninterrupted access to the internet and thus open new possibilities for site exploration. This would include the ability to take advantage of interactive offerings, online environments and allow for additional study through collaborative student centered situations with outside centers.

Considering the type of special-care children we cater to, the strengthening of our Wi-Fi system will reduce student frustration with slow, sometime dead-end downloads and freezes which lead to wasted educational time, effort... and often an emotional break-down. With this upgrade, teachers will be able to maneuver through lessons without losing valuable classroom time trying to explain why a lesson is incomplete because they cannot access the site in the planned and approved curriculum. Not only will strong, **dependable** signals allow students to experience useful enrichment of a variety of subjects, but their sense of individuality can be boosted by making all appropriate sites available ...thus allowing them to demonstrate individual interests, and abilities while meeting personal needs.



This plan has been placed on the Green Chimneys web site for your perusal. All comments and/or written suggestions you may have should be sent to Green Chimneys/Smart School Project, 400 Doansburg Road, Brewster, NY 10509 or sent via e-mail to: fdukes@greenchimneys.org (subject: Smart School Project)