# Chromebook 1:1 Initiative

## 5th and 6th Grade Students

# Students Busy Collaborating
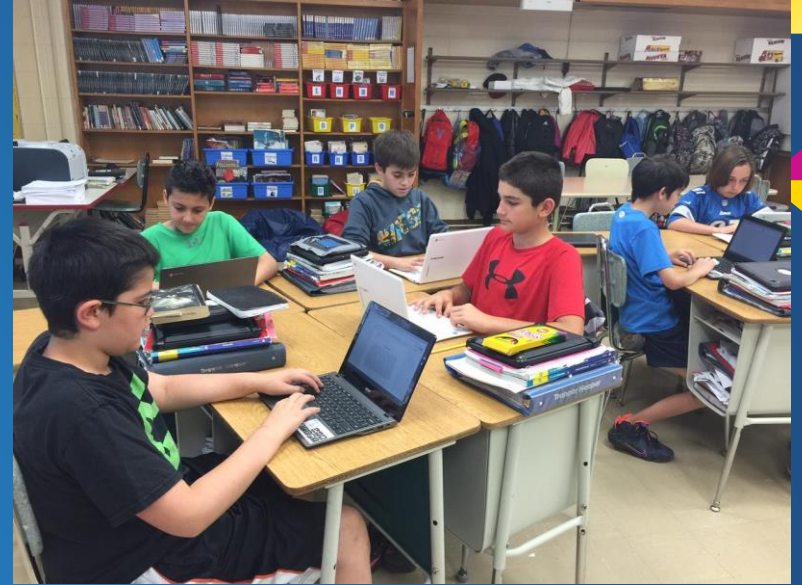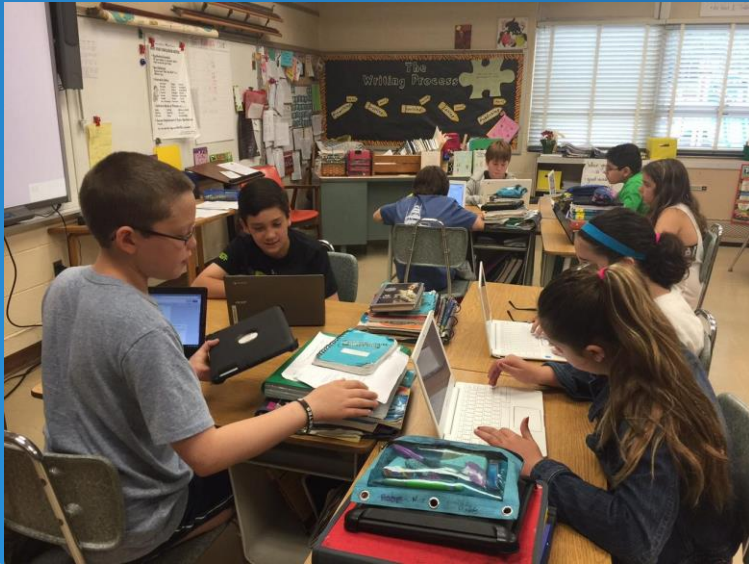
# Using Google Drive

- All students and teachers use Google Drive to store their work.

- Documents can be shared between students and teachers.

- Students can access their Google Drive anywhere and group projects can be worked on virtually

# Applications Used

- Google Classroom (teacher creates and organizes assignments)

- Google Docs/Slides (word processing and presentation)

- Webcam/Recorder (in labs to collect data )

- Calculator

- SoundCloud  (record voices for Music class)

- Socrative (online assessment tool)

# Projects Using Chromebooks

- Wrote D.A.R.E. essays and shared with teacher

- Created a character chart for the novel they are reading.
  - Differentiated groups of students were assigned different characters in the chart to analyze.
  - Students input character traits/actions/behaviors and quotes/evidence supporting these characteristics.
  - When completed each student has an analysis of the characters in preparation for the novel assessment and writing assignment.

# Chromebook Use in RWW Class

- Students can view online research (such as a video or article) to include in an essay as textual support. Students appreciate the ability to easily switch between their documents and the Internet.

# Chromebook use in RWW class

- Documents are saved and shared automatically and changes are made instantaneously. There is no lost time in redoing documents.

- The Chromebooks turn on instantly, which keeps loss of instruction time to a minimum.

# Chromebook Use in RWW Class

- The students are able to peer edit and collaborate on a document by sharing it with one another.

- They are able to research topics as individuals or groups and share with each other, which cuts back on additional research and collaboration time.

# Student Survey Results

Which do you prefer?
- Chromebook
- iPad
- I like both the same



Chromebook Vs. iPad Student Preference

- Chromebook
- iPad
- Both the same

35.3%
53.4%
11.2%
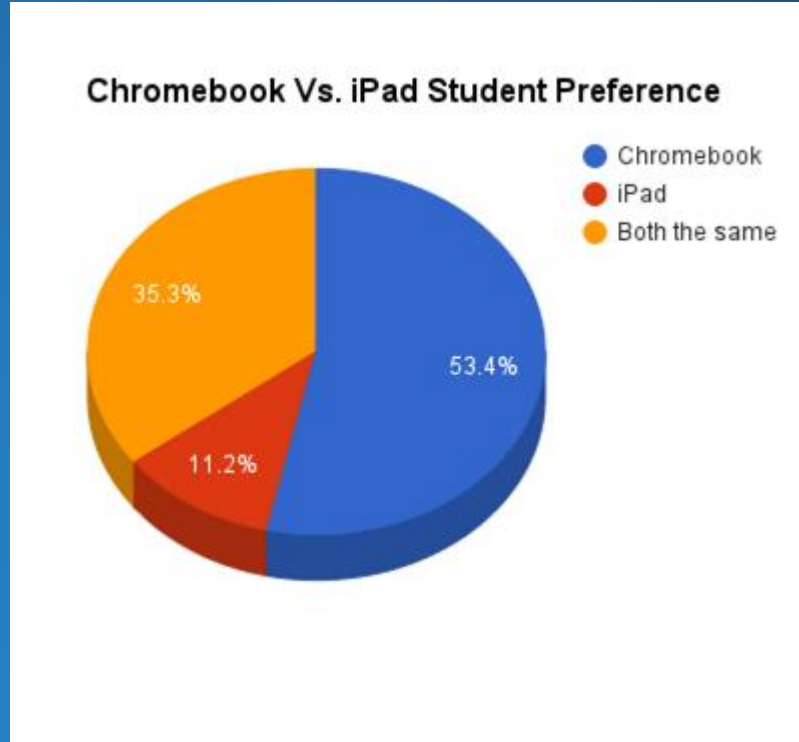
# Advantages over iPads

- Google Drive works well on a Chromebook.  All features and functions are available.  Drive is available on an iPad but with limited features.

- Installation of apps is done through an Administrative console.  No need to handle each unit as is necessary to install apps on the iPad.

- Keyboard enables the student to compose and edit writing assignments more easily.

- West Essex will be distributing Chromebooks

# Cost Comparison Chromebook Vs. iPad

| | | |
|---|---|---|
| Dell Chromebook 11, 4GB Memory, Wireless AC, 3 year Accidental Damage, Service and Onsite support | $  364.00 | |
| Belkin Air Protect Sleeve | $    28.29 | |
| Google Chrome License  (for management) | $    30.00 | |
| | | **$  422.29** |
| Apple iPad Air 2 (64 GB) | $  579.00 | |
| Apple Care + (2 years) | $    99.00 | |
| Casper Device Management | $    12.00 | |
| Otterbox Protective cover | $    83.65 | |
| Keyboard for PARCC testing | $    50.00 | |
| | | **$  823.65** |

# iPads

- All iPads will be collected this summer, re-formatted and distributed to lower grades.

- Each Kindergarten through Fourth grade classroom will have 6 iPads available.

- Grade level teachers can coordinate a schedule so that an entire class can use the iPads for an assignment.