PRIOR TO 2014-2015 SCHOOL YEAR

- Computer lab primarily used for testing
- Primary Grades (K-2) hardly used the computer lab
- Lab used as a place to print writing projects
- No school wide programs such as RAZ kids and PebbleGo were introduced in a formalized class structure
- No integration on education programs for home/class use encouraged school wide.
TECHNOLOGY INTRODUCED LAST YEAR 2014-2015

• Typing
• PowerPoint
• MSWord
• Publisher
• Coding
• Reading, math, and typing programs available for at home use

• OneNote
• Raz-Kids
• Math Web Sites
• Research Web Sites
• Writing Web Sites
• SBAC Computer Strategies
HOW DOES IT WORK?

• Every week a proposed email goes to the grade level teams with the agenda for the week. Teachers decide to accept the plan, modify the plan, or change it entirely.
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**Sample Lesson:**

- **Lesson Title:** Thanksgiving Card
- **Lesson Objectives:**
  - Develop an understanding of the history of Thanksgiving.
  - Create a story or a short narrative about a family gathering.
  - Use appropriate language and vocabulary related to Thanksgiving.

**Resources:**

- Thanksgiving Card template
- Online research tools for historical facts
- Storytelling software for creative writing

**Assessment:**

- Group presentation on a family Thanksgiving gathering
- Written reflection on the cultural significance of Thanksgiving

**Extensions:**

- Explore the impact of Thanksgiving on modern American culture
- Create a diorama or a model representing a typical Thanksgiving meal.
WHAT CHANGED FROM PRE-TECH LAB YEARS TO HAVING A TECHNOLOGY CLASS?

• Teachers are very flexible in taking a classroom idea and integrating the project in the Technology Lab
• Teachers integrate technology into classrooms and projects via laptops. Skills learned in the Tech Lab are used and practiced in classrooms.
• Typing is faster overall this year and students beginning second grade this year are already familiar with home row keys, logging into the computer and navigating web sites
• The Reading and Math Intervention teams are able to address each student need with adaptive reading and math programs using our current programs introduced in the Technology class
• Examples of programs:
  • RAZ Kids
  • iRead
  • Dreambox
  • Front Row

• Reading, math, and typing programs are available for at home use
What would you tell the PTSA?

- Amazing difference in competence, exposure, confidence
- Increased confidence with using technology, improved typing skills, increased fluency/familiarity with how to use technology, improved math and reading skills from work with educational programs
SBAC TESTING

Preparation

• Focused on comfortability with testing tools
• Practiced writing techniques to acclimate students to the reading/typing answers in the test format
• Acclimated students to laptops in the classrooms
• Coordinated all aspects of test set up, student ID tickets and navigating the SBAC system

Results

• High results for Bryant Elementary
• Students learned different writing/math techniques using online tools
• Laptop usage became common place at Bryant Elementary
• The Technology Coordinator displaced the Tech Support Assistance Onsite and when available, I am able to assist and fix computer issues- able to be first tier onsite assistance

• Different software programs are set up for the classes by me and focused individual training of backend software are given to teachers when desired instead of teachers being burdened with the time to set up and learn a new program

• An after-school program has been created to fund projects in the Computer Lab to be used by all Bryant students

• Currently, I volunteer co-teaching one day a week. Technology Coordinator is 80%
NEXT STEPS

Build on past skills of students to increase skills and variety of projects

- Keeping Current Programs
- Continued enhanced integration with Primary Teacher
- Introducing STEM related projects
- Outside Math program (ex. Dreambox)
- 3D printing
- Coding