Technology Usage at Brooklyn Public Schools

"Technology will not replace great teachers but technology in the hands of great teachers can be transformational."

\- George Couros

Goals For This Evening

Brooklyn ELEMENTARY SCHOOL

Brooklyn Middle School

★ Showcase how technology is being used in grades K-8.

★ Explain the impact of technology on student learning.

★ Showcase how students use technology independently in grades K-8.

Teaching Then…

★ Teacher Directed
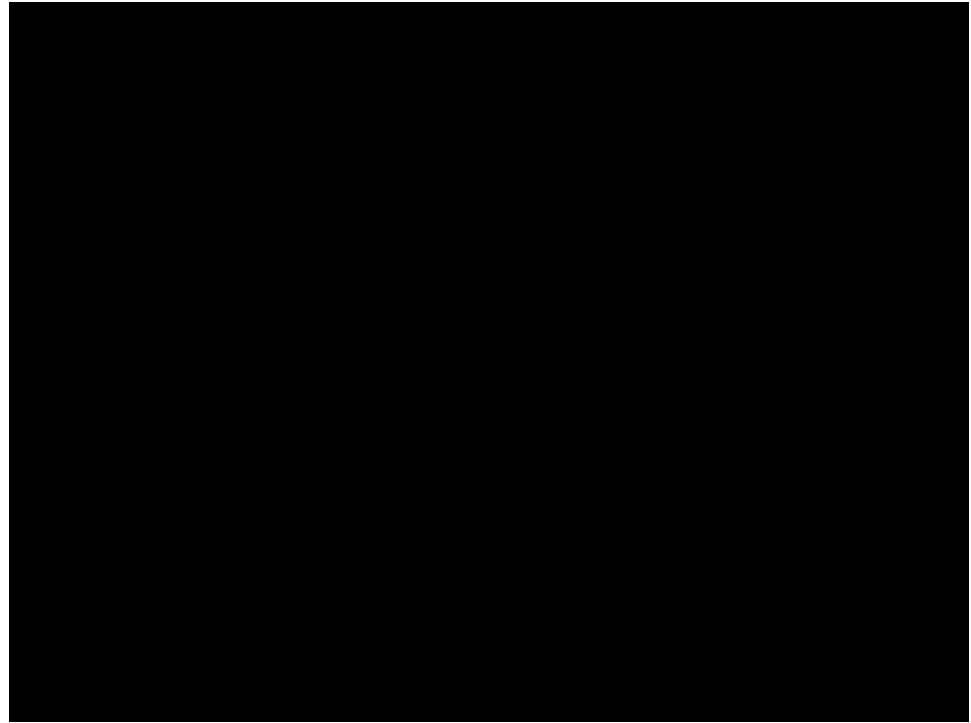★ No/Minimal Technology
★ Lack of Student Engagement

Teaching Now...

First Grade Teacher
Ms. Sarah Froehlich

Utilizing technology
during phonics
instruction

Brooklyn
ELEMENTARY SCHOOL

Programs and Devices at The Elementary School

Devices:

- ★ SMARTboards
- ★ Document Cameras
- ★ Teacher Devices
- ★ 1:1 Devices for Grades 1–4

Programs:

- ★ Lexia
- ★ ST Math
- ★ Raz-Kids
- ★ STAR Assessments
- ★ Google Classroom
- ★ Zoom

Impact on Student Learning:

Lexia:

September: 66% below, 26% on grade level, 8% above grade level
**Current: 57% below, 33% on grade level, 11% above grade level

Reading A–Z
Books Interacted With:

Downloads: 935	**Quiz: 1,970**
Listened: 1,856	**Skill Accuracy: 76%**
Read: 1,929	

ST Math:

Average puzzles solved: 293
Total puzzles solved: 82,645

Brooklyn Middle School

Programs and Devices at The Middle School

Devices:

★ SMARTboard
★ Document Camera
★ Teacher Device
★ 1:1 Devices Grades 5-8

Programs:

★ STAR Assessments
★ Google Classroom
★ Zoom
★ Freckle
★ Moby Max

Impact on Student Learning:

Freckle's purpose is to help teachers reach every student at their own level in ELA and Math. It promotes student growth and engagement by delivering differentiated content to advanced students, struggling students, and students in the middle. Freckle's differentiated learning platform combines leading, research-backed educational practices with Common Core- and state standards-aligned content. This results in a rigorous, evidence-based curriculum that supports the growth of all students when used as a primary or supplementary classroom resource.

Usage Reports:
ELA- 9/1/21 to 10/27/21 19.4k minutes
Math- 9/1/21 to 10/27/21 31.9k minutes

Growth Reports:
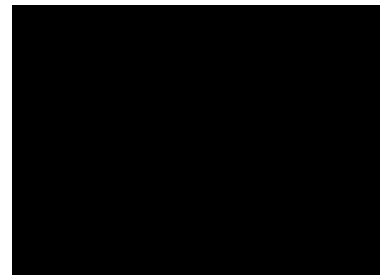ELA- Average grade level growth is .72
Math- Average grade level growth .53

Middle School Students Modeling

5th Grade

6th Grade

7th Grade

8th Grade

Elementary School Students Modeling

We have a few students here who would love to show you how they use technology within their classrooms.

Debrief

In **combination** with highly effective Tier 1 instruction and targeted Tier 2 & 3 interventions, technology becomes a powerful and effective tool.

Technology *enhances* our curriculum to prepare students for 21st century learning!