

Jan 1, 2018 to Present

# INFRASTRUCTURE AT SCHOOL

# INFRASTRUCTURE AT SCHOOL REPORT

NANUET UNION FREE SCHOOL DISTRICT



Teachers who have difficulty getting access to high quality computers for students when needed are much less likely to plan and implement classroom activities that include digital communication, digital collaboration, digital creativity, and critical thinking.

Teachers' and students' access to technology at school is a prerequisite for 21st Century Learning. According to *NCES*, the ratio of students to computers in the classroom every day is 5.3 to 1. However, this is often not sufficient for transformative instruction to occur.

Only 56% of all Clarity teachers in the nation report that it is always easy to get access to computers when needed for class. Further only 13% of Clarity teachers across the nation rate the quality of computers and internet access at their school as excellent. Teachers who have difficulty getting access to high quality computers for students when needed are much less likely to plan and implement classroom activities that include digital communication, digital collaboration, digital creativity, and critical thinking.

Schools and districts should ensure that all students at all schools have sufficient access to technology throughout the school day. Students are digital natives who often have better access to technology outside of school as compared to inside. This results in a digital divide between school and reality for many of today's youth. Increasing access can bridge this gap.

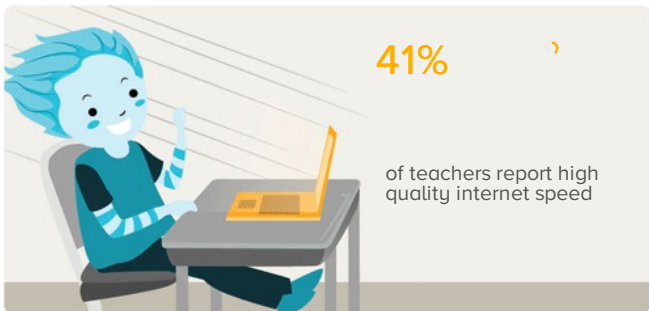
96%

of teachers can get devices for their students when needed more than half the time



41%

of teachers report high quality internet speed



83%

of teachers have access to a computer for their own use all the time at school



90%

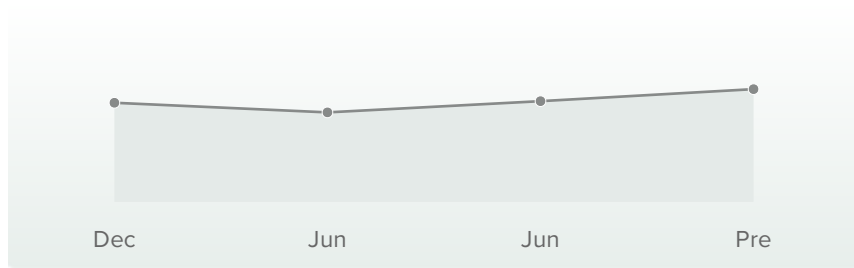
of teachers report a typical student to computer ratio of 2:1 or 1:1



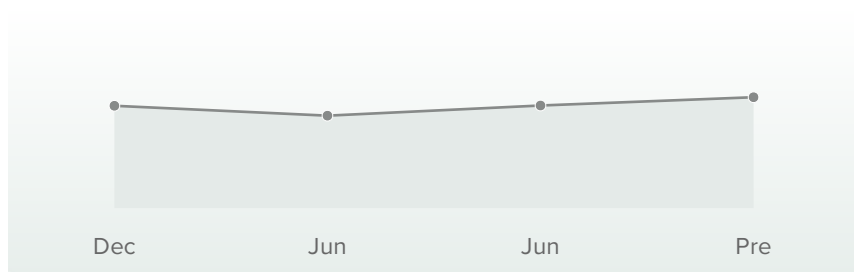
## Contributing Factors

The factors that most contribute to the success of your organization include ...

STUDENT TECHNOLOGY  
ACCESS AT SCHOOL  
ADVANCED



TEACHER TECHNOLOGY  
ACCESS AT SCHOOL  
ADVANCED



CASE™ Score Legend

● Beginning  
800-899

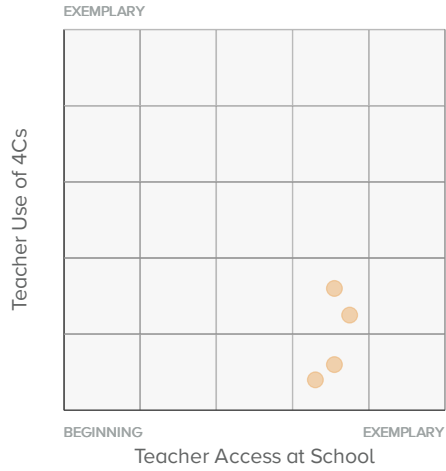
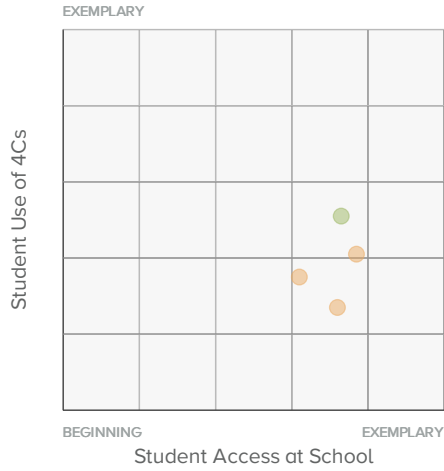
● Emerging  
900-999

● Proficient  
1000-1099

● Advanced  
1100-1199

● Exemplary  
1200-1300

## Scatterplots



CASE™ Score Legend

● Beginning  
800-899

● Emerging  
900-999

● Proficient  
1000-1099

● Advanced  
1100-1199

● Exemplary  
1200-1300

## SCHOOL SCORECARD

Schools	Date Range	Student Access at School	Teacher Access at School
A Macarthur Barr Middle School	Feb 12, 2018 - Mar 15, 2018	●	●
George W Miller Elementary School	Feb 12, 2018 - Mar 19, 2018	●	●
Highview Elementary School	Feb 12, 2018 - Mar 15, 2018	●	●
Nanuet Senior High School	Feb 12, 2018 - Mar 15, 2018	●	●

CASE™ Score Legend



**Beginning**  
800-899



**Emerging**  
900-999



**Proficient**  
1000-1099



**Advanced**  
1100-1199



**Exemplary**  
1200-1300