Jan 1, 2017 to Present

# PROFESSIONAL DEVELOPMENT



Progress reports that 14 hours of high quality professional development on a single topic is needed before the classroom is impacted to a statistically significant degree.

Effective professional development for teachers can have an enormous impact on teaching and learning in an organization. However, professional development experiences for teachers must be sustained and of high quality for improved learning outcomes to be realized. Specifically, the Center for American Progress reports that 14 hours of high quality professional development on a single topic is needed before the classroom is impacted to a statistically significant degree. However, CASE data collected from hundreds of schools indicates that 75% of teachers report less than 17 hours of school-sponsored professional development around technology in the last 12 months.

Research from the International Society of Technology Education (ISTE) also reveals that high quality professional development is job-embedded, personalized, and designed to promote skill transfer. Professional learning experiences must respond to teachers' interests, needs, and classroom settings. In many cases, these types of learning experiences can extend beyond the traditional school in-service setting to include webinars, Twitter chats, and other virtual experiences.

This type of dynamic instruction helps both teachers and students alike. A Walden University study reports that teachers who use technology frequently place the highest emphasis on using technology to promote problem-solving, critical thinking, and communication.

Being aware of teachers' skill profiles and interests with technology can greatly inform the development of a cohesive, integrated professional development plan that will enhance student learning outcomes.

### FOUNDATIONAL SKILLS

Basic computing skills - sending email and creating spreadsheets



find these tasks easy to perform

16%

of teachers have expressed interest in PD in this area

### **ONLINE SKILLS**

Essential skills for contributing to and collaborating on the Internet



38% readily utilize these skills

of teachers have expressed **15**% interest in PD in this area

### MULTIMEDIA SKILLS

Ability to manipulate photos and record and edit audio or video



find these tasks easy to perform

51%

of teachers have expressed interest in PD in this area

### **BELIEFS**

How teachers feel about using technology for learning and in their daily life



**80**% agree it enhances both

## 21<sup>ST</sup> CENTURY TEACHER

9

192 teachers surveyed

### DIGITAL CITIZENSHIP SKILLS

Responsible behavior when using technology - legal use of content, establishing a presence online, online safety, and cyberbullying prevention



are highly knowledgeable

CONFIDENCE WITH **TECHNOLOGY** 







can solve their own tech problems







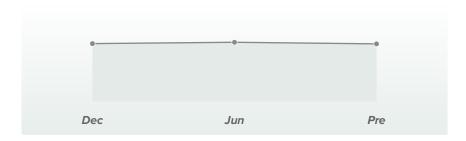


easily learn new technologies

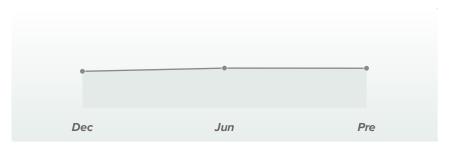
### **Contributing Factors**

The factors that most contribute to the success of your organization include  $\dots$ 

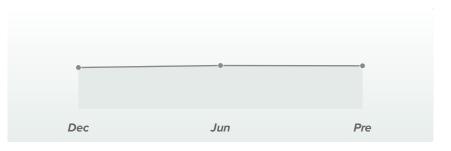




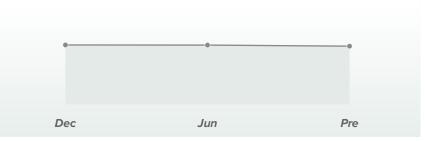








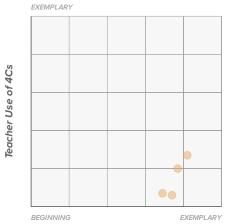




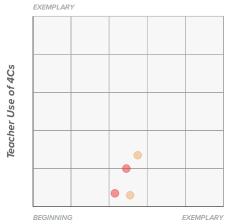
Emerging 900-999 Proficient

Advanced 1100-1199 Exemplary 1200-1300

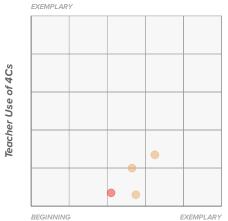
### Scatterplots



**Teacher Foundational Skills** 



Teacher Online Skills



Teacher Multimedia Skills

Exemplary 1200-1300

# PROFESSIONAL DEVELOPMENT REPORT NANUET UNION FREE SCHOOL DISTRICT

CLASSROOM ACCESS SKILLS ENVIRONMENT

### SCHOOL SCORECARD

Schools	Date Range	Foundational Skills	Online Skills	Multimedia Skills	Beliefs
A Macarthur Barr Middle School	Apr 3, 2017 - Apr 24, 2017	•	•	•	•
George W Miller Elementary School	Apr 3, 2017 - May 8, 2017	•	•	•	•
Highview Elementary School	Apr 3, 2017 - Apr 24, 2017	•	•	•	•
Nanuet Senior High School	Apr 3, 2017 - Apr 24, 2017	•	•	•	•

 $\pmb{\mathsf{CASE}^{\scriptscriptstyle{\mathsf{TM}}}\,\mathsf{Score}\,\mathsf{Legend}}$ 

Beginning 800-899 Emerging 900-999 Proficient 1000-1099 Advanced 1100-1199 Exemplary 1200-1300