

Jan 1, 2021 to Jun 30, 2021

# 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 71% of teachers report less than 17 hours of schoolsponsored 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

13%

of teachers have expressed interest in PD in this area

#### **ONLINE SKILLS**

Essential skills for contributing to and collaborating on the Internet



67% readily utilize these skills

of teachers have expressed 10% 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

48%

of teachers have expressed interest in PD in this area

## **BELIEFS**

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



92% agree it enhances both

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

9

270 teachers and administrators 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











manage classrooms where students use technology

## **Contributing Factors**

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

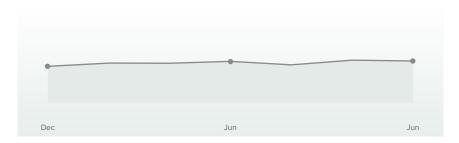
TEACHER FOUNDATIONAL SKILLS ADVANCED





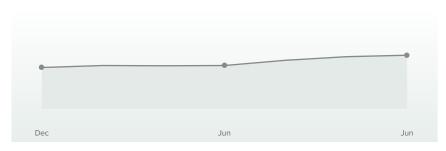
TEACHER ONLINE SKILLS
PROFICIENT





TEACHER MULTIMEDIA SKILLS ADVANCED





TEACHER BELIEFS ADVANCED



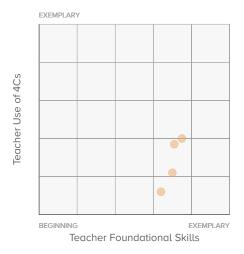


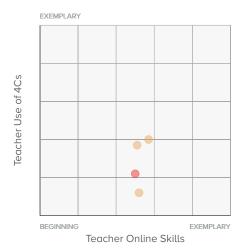
CASE™ Score Legend

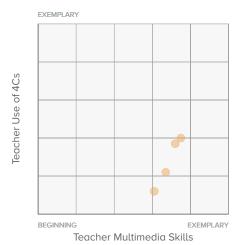
Beginning 800-899 Emerging 900-999 Proficient 1000-1099 Advanced

Exemplary 1200-1300

# Scatterplots







Beginning 800-899 Proficient Advanced Exemplary CASE™ Score Legend Emerging 1000-1099 1100-1199 1200-1300

# SCHOOL SCORECARD

Schools	Date Range	Foundational Skills	Online Skills	Multimedia Skills	Beliefs
A Macarthur Barr Middle School	May 10, 2021 - Jun 4, 2021	•	•	•	•
George W Miller Elementary School	May 10, 2021 - Jun 4, 2021	•	•	•	•
Highview Elementary School	May 10, 2021 - Jun 4, 2021	•	•	•	•
Nanuet Senior High School	May 10, 2021 - Jun 4, 2021	•	•	•	•

CASE™ Score Legend

Beginning 800-899 Emerging 900-999 Proficient 1000-1099 **Advanced** 1100-1199

Exemplary 1200-1300