



PROSPECT HEIGHTS SCHOOL DISTRICT 23

Board Presentation

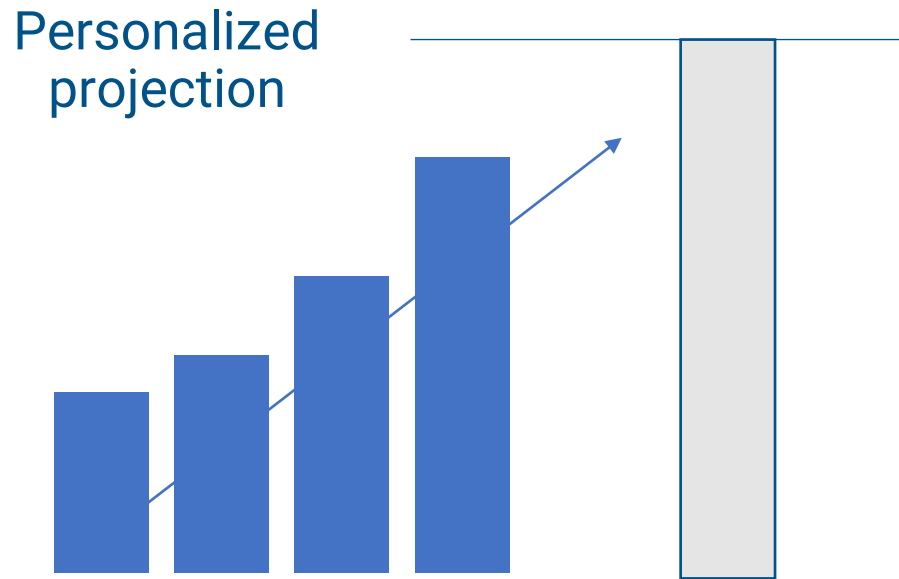
November 11, 2020

Eleni Speron, Ph.D.

Overview

- Personalizing measurement systems
- Leaning loss asymmetric and differential
- Leading growth recovery

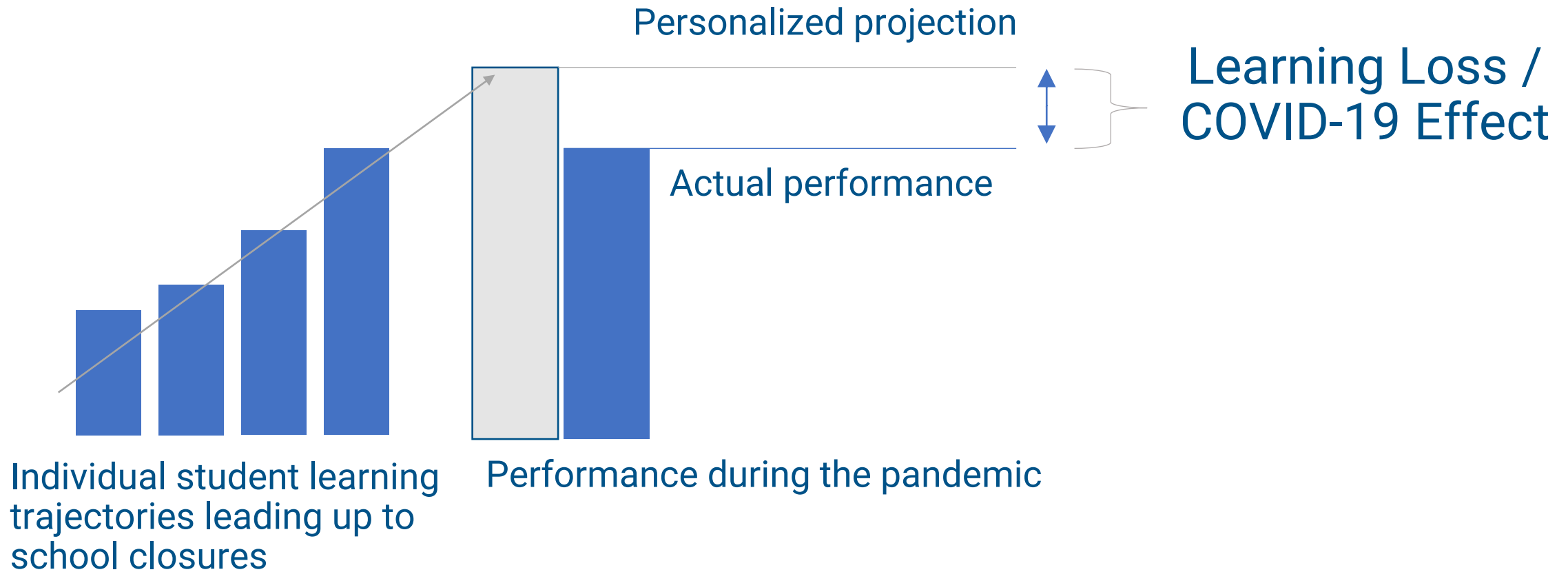
Predictive Models as Personalized Benchmarks







How would an individual student have performed if his/her learning rates were uninterrupted by Covid-19?

Individual student learning trajectories leading up to school closures

A Predictive versus Actual Framework




How to Interpret Results

-  Learning growth better than pre-pandemic levels
Supplement student with remote or in-person enrichment
-  Learning growth consistent with pre-pandemic levels
Support student and continue to provide rigorous in-person or remote instruction
-  Learning growth below pre-pandemic levels
Adopt a targeted personalized growth recovery plan and rigorously monitor growth against pre-pandemic levels
-  Learning growth significantly below pre-pandemic levels
Adopt a comprehensive personalized growth recovery plan and rigorously monitor growth against pre-pandemic levels

District 23 Results

Subject:
All Subjects













Overall Impact (Effect Size)

- 0.19 

Growth Comparison Group: **Local District**

Growth Timeframe: **Winter 2019-2020 to Fall 2020-2021**

School-Level Results: Fall 2019-2020 and Fall 2020-2021

School:	Count 2019-2020	Count 2020-2021	% Proficient 2019-2020	% Proficient 2020-2021	Growth (Effect Size) 2019-2020	Growth (Effect Size) 2020-2021	COVID-19 Impact
ANNE SULLIVAN ELEMENTARY	305	283	72%	66%	0.00 	- 0.45 	- 0.45 
BETSY ROSS ELEMENTARY	124	132	71%	59%	+ 0.06 	- 0.03 	- 0.09 
MACARTHUR MIDDLE SCHOOL	465	487	74%	73%	- 0.05 	- 0.12 	- 0.07 
ALL	894	902	73%	69%	- 0.02 	- 0.21 	- 0.19 
EXPECTED					0.00	0.00	0.00

* Dot color is green for all growth scores that are not statistically significant

**Percentages may not add to 100 due to rounding

***Results not reported for groups with fewer than 5 students

District 23 Results

Subject:

Mathematics













Growth Comparison Group: **Local District**

Growth Timeframe: **Winter 2019-2020 to Fall 2020-2021**

Overall Impact (Effect Size)

- 0.17 

School-Level Results: Fall 2019-2020 and Fall 2020-2021

School	Count 2019-2020	Count 2020-2021	% Proficient 2019-2020	% Proficient 2020-2021	Growth (Effect Size) 2019-2020	Growth (Effect Size) 2020-2021	COVID-19 Impact
ANNE SULLIVAN ELEMENTARY	305	283	63%	56%	+ 0.01 	- 0.40 	- 0.41 
BETSY ROSS ELEMENTARY	124	132	59%	48%	+ 0.05 	- 0.19 	- 0.24 
MACARTHUR MIDDLE SCHOOL	465	485	65%	65%	- 0.02 	- 0.04 	- 0.02 
ALL EXPECTED	894	900	63%	60%	0.00 	- 0.17 	- 0.17  0.00

* Dot color is green for all growth scores that are not statistically significant

**Percentages may not add to 100 due to rounding
***Results not reported for groups with fewer than 5 students

District 23 Results

Subject:
Reading

Growth Comparison Group: **Local District**

Growth Timeframe: **Winter 2019-2020 to Fall 2020-2021**

Overall Impact (Effect Size)

- 0.20



School-Level Results: Fall 2019-2020 and Fall 2020-2021

School	Count 2019-2020	Count 2020-2021	% Proficient 2019-2020	% Proficient 2020-2021	Growth (Effect Size) 2019-2020	Growth (Effect Size) 2020-2021	COVID-19 Impact
ANNE SULLIVAN ELEMENTARY	305	283	81%	76%	- 0.01	- 0.50	- 0.49
BETSY ROSS ELEMENTARY	124	130	83%	69%	+ 0.06	+ 0.11	+ 0.05
MACARTHUR MIDDLE SCHOOL	464	476	83%	82%	- 0.08	- 0.19	- 0.11
ALL EXPECTED	893	889	82%	78%	- 0.04	- 0.24	- 0.20 0.00

* Dot color is green for all growth scores that are not statistically significant

**Percentages may not add to 100 due to rounding

***Results not reported for groups with fewer than 5 students

District 23 Results

Subject:
Mathematics

Growth Comparison Group: **Local District**

Growth Timeframe: **Winter 2019-2020 to Fall 2020-2021**

Student Group Results: Fall 2019-2020 and Fall 2020-2021

Group	Student Group	Count 2019-2020	Count 2020-2021	% Proficient 2019-2020	% Proficient 2020-2021	Growth (Effect Size) 2019-2020	Growth (Effect Size) 2020-2021	COVID-19 Impact
Ethnicity	Asian	93	93	75%	76%	+ 0.29	+ 0.12	- 0.17
Ethnicity	Black	15	13	33%	46%	- 0.70	- 0.26	+ 0.44*
Ethnicity	Hispanic	136	165	34%	32%	- 0.13	- 0.28	- 0.15
Ethnicity	Other	15	17	63%	38%	- 0.01	- 0.43	- 0.42*
Ethnicity	White	635	612	68%	65%	+ 0.01	- 0.18	- 0.19
Gender	Female	434	434	60%	58%	- 0.13	- 0.18	- 0.05
Gender	Male	460	466	66%	61%	+ 0.13	- 0.17	- 0.30
IEP	IEP	78	85	27%	26%	- 0.04	- 0.51	- 0.47
IEP	No IEP	816	815	67%	63%	+ 0.01	- 0.14	- 0.15
Income	Low Income	244	273	49%	44%	- 0.06	- 0.12	- 0.06
Income	Not Low Income	650	627	69%	66%	+ 0.02	- 0.20	- 0.22
LEP	LEP	162	193	27%	27%	+ 0.07	- 0.16	- 0.23
LEP	Not LEP	732	707	71%	69%	- 0.01	- 0.18	- 0.17

* Dot color is green for all growth scores that are not statistically significant

**Percentages may not add to 100 due to rounding

***Results not reported for groups with fewer than 5 students

Subject:
Reading

Growth Comparison Group: **Local District**

Growth Timeframe: **Winter 2019-2020 to Fall 2020-2021**

Student Group Results: Fall 2019-2020 and Fall 2020-2021

Group	Student Group	Count 2019-2020	Count 2020-2021	% Proficient 2019-2020	% Proficient 2020-2021	Growth (Effect Size) 2019-2020	Growth (Effect Size) 2020-2021	COVID-19 Impact
Ethnicity	Asian	93	93	88%	83%	+ 0.09	- 0.33	- 0.42
Ethnicity	Black	15	13	80%	85%	- 0.19	- 0.05	+ 0.14
Ethnicity	Hispanic	136	161	54%	54%	+ 0.21	- 0.25	- 0.46
Ethnicity	Other	15	17	80%	76%	+ 0.46*	- 0.24	- 0.70
Ethnicity	White	634	605	88%	84%	- 0.12	- 0.23	- 0.11
Gender	Female	434	432	85%	80%	+ 0.06	- 0.11	- 0.17
Gender	Male	459	457	80%	76%	- 0.13	- 0.36	- 0.23
IEP	IEP	78	83	41%	35%	+ 0.09	- 0.63	- 0.72
IEP	No IEP	815	806	86%	83%	- 0.05	- 0.20	- 0.15
Income	Low Income	244	267	68%	65%	- 0.04	- 0.17	- 0.13
Income	Not Low Income	649	622	88%	84%	- 0.04	- 0.27	- 0.23
LEP	LEP	162	188	44%	41%	+ 0.08	- 0.21	- 0.29
LEP	Not LEP	731	701	91%	88%	- 0.06	- 0.25	- 0.19

* Dot color is green for all growth scores that are not statistically significant

**Percentages may not add to 100 due to rounding

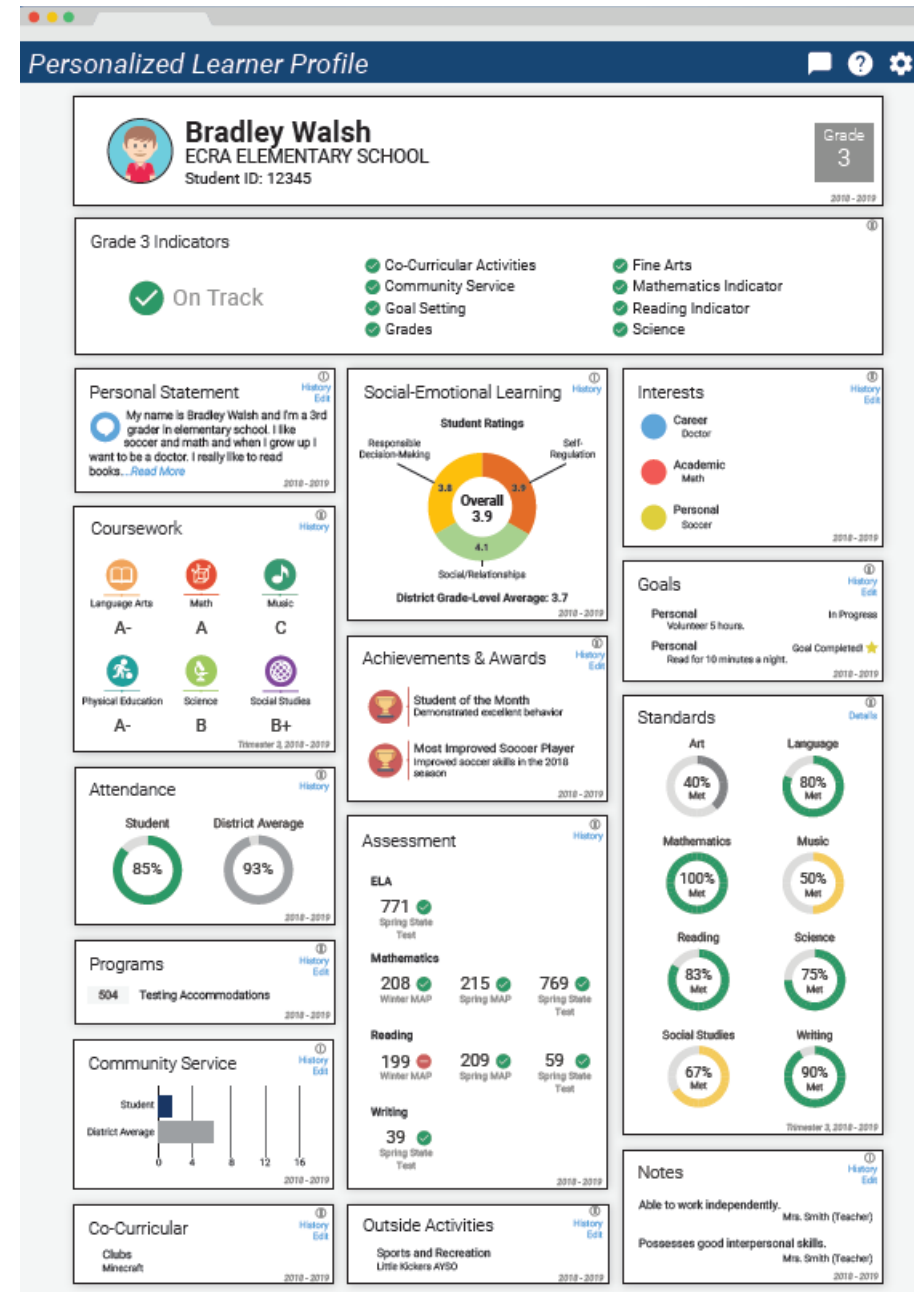
***Results not reported for groups with fewer than 5 students

Next Steps

- Leadership Team
- District Improvement Team
- Teachers
- Personalized Learner Profile (PLP) new features

Personalized Learner Profile

How do you define student success?



Your Student Success Indicators

- Assessment
- Attendance
- Career Exploration/Interest
- Coursework
- Extra-curricular activities through school
- Goals
- GPA
- Participation in Outside of School Activities
- Personal Statement
- Social-Emotional Learning
- Volunteer Hours

Personal Statement Sample

Personal Statement

Prompt: What would you like your friends and teachers to know about you?

✂️ 📄 📁 📁 📁 | ⬅️ ➡️ ABC- | 🔗 🔗 🚩 | 📊 📊 Ω 🌐 🖼️ | 🔄 | 📄 Source |
B I S | I_x | ☰ ☰ | ☰ ☰ | ”” | Styles - | Normal - | ? |

My name is Bradley Walsh and I'm a 3rd grader in elementary school. I like soccer and math. I got a soccer trophy for most improved player! When I grow up I want to be a doctor. I really like to read books.



- Info
- History
- Artifacts
- Edit

Questions?



www.ecragroup.com