Guiding Our Schools Forward:

Best Practices for Districts Utilizing Assessment Dashboards to Improve Data Literacy & Target Student Supports

Annual Conference of the California Educational Research Association
November 14, 2023

Presenters

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Data

Agenda

- Welcome

- **Do I even need a dashboard?**

- **How do I go about building a dashboard?**

- **What can I do with a dashboard?**
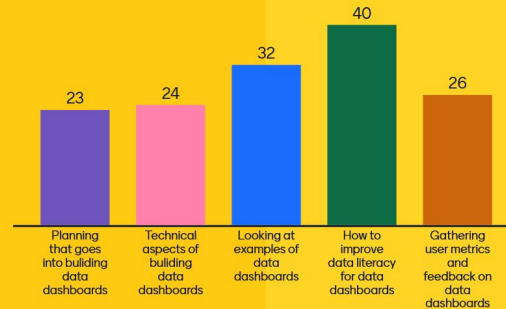
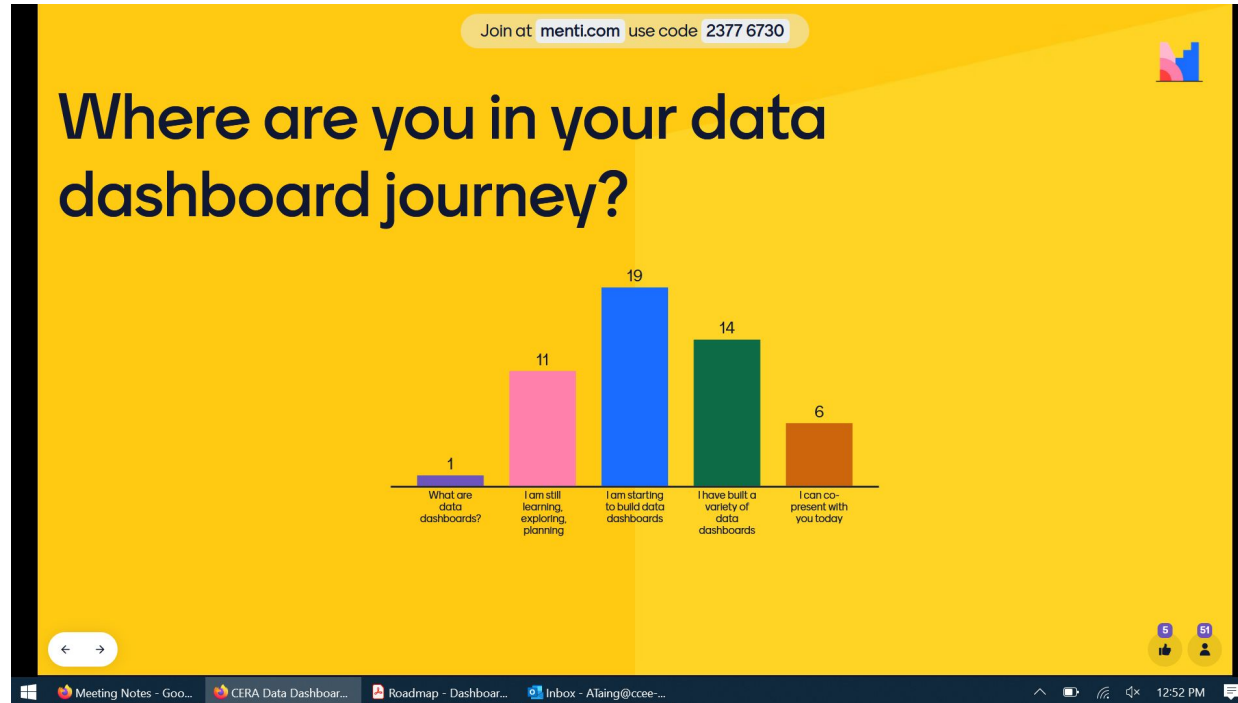- **How can I gather feedback on dashboards?**

- Q-and-A

Mentimeter

Mentimeter

Welcome

Who is the California Collaborative for Educational Excellence (CCEE)?

- Statewide leader whose mission is to deliver on California's promise of quality, equitable education for every student

- Design and implement initiatives that facilitate the application of evidence-based continuous improvement processes within LEAs, coupled with regular collection and analysis of relevant data to support student outcomes

- Share lessons learned from our work, as well as emerging/best practices, strategies, and resources that address current high priority needs in the field

Teaching, Learning, and Leading

Innovation, Instruction, and Impact

Transformative Systems for Equitable Educational Outcomes
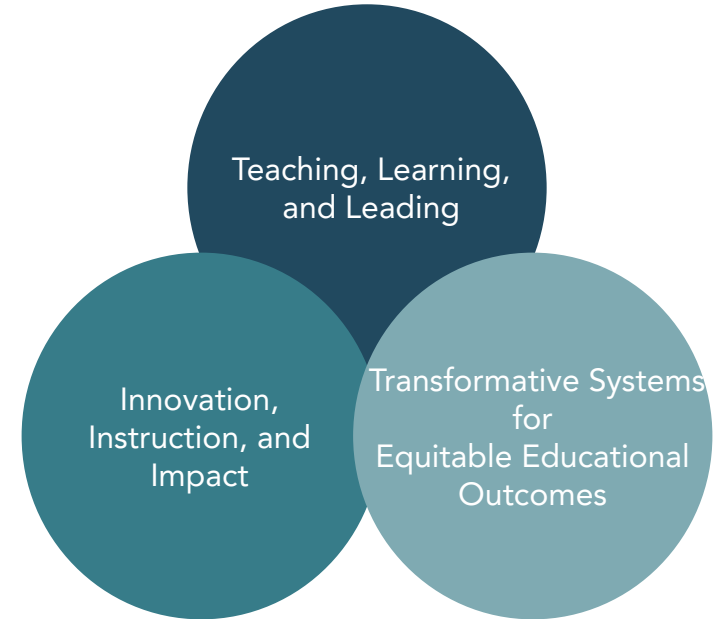
i3 Learning Networks

Learning Lab: A network of educators across the state on the cutting-edge of innovation

Network Facilitation: Dedicated space for LEA teams to learn from and reflect with other teams across the state as they engage in continuous improvement cycles to address their individual problems of practice around a common priority area

Data Monitoring & Impact: Coaching around data and assessment to enhance data literacy knowledge and skills to inform decision-making

Humboldt COE
31 districts; 17,600 students

Napa COE
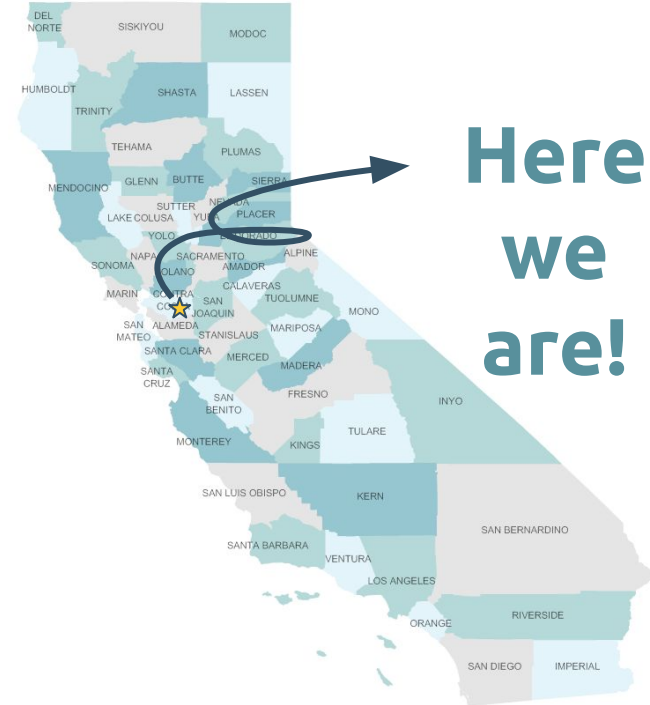5 districts; 18,700 students

Rincon Valley USD
Enrollment: 3,100

Pittsburg USD
Enrollment: 10,700

San Ramon Valley USD
Enrollment: 29,700

San Lorenzo USD
Enrollment: 9,600

Santa Clara USD
Enrollment: 14,000

Santa Clara COE
31 districts; 236,500 students

North Monterey County USD
Enrollment: 4,500

Salinas City ESD
Enrollment: 8,300

Alisal Union SD
Enrollment: 7,500

Monterey COE
24 districts; 73,700 students

Soledad USD
Enrollment: 4,800

Taft City SD
Enrollment: 2,400

Lynwood USD
Enrollment: 12,000

Nevada JUHSD
Enrollment: 2,700

Robla SD
Enrollment: 2,500

Davis JUSD
Enrollment: 8,400

Fresno USD
Enrollment: 72,400

Sanger USD
Enrollment: 13,200

San Bernardino CSS
33 districts; 397,500 students

San Diego COE
42 districts; 476,800 students

Poway USD
Enrollment: 34,900

San Ysidro SD
Enrollment: 4,300

Imperial COE
16 districts; 36,200 students

2023-24 Learning Network Strands

- Data Literacy & Leadership
- Deeper Learning
- Data Dashboard
- African American Student Success
- Chronic Absenteeism
- Universal Design for Learning

San Ramon Valley Unified

TK – 12th Grade
29,270 students

4 comprehensive high schools
8 comprehensive middle school
22 elementary schools
Alternative Education & Independent Study

6.1% Socioeconomic Disadvantaged
4.8% English Learners
10.8% Special Education

Here we are!

Sanger Unified School District

TK - 12th Grade
13,200 students

180 sq. miles

2 comprehensive high schools
1 comprehensive middle school
14 elementary schools
1 homeschool/online school
2 Alternative Education
2 Charters
1 Adult School

70.8% Socioeconomic Disadvantaged
15.9% English Learners
8.8% Special Education
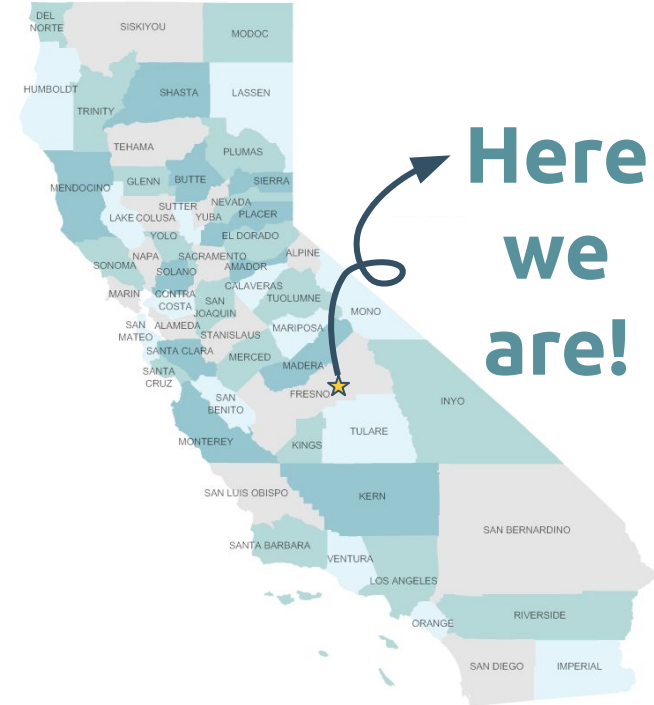
Here we are!

Do I even need a dashboard?

Determining Need

| What Data, What Purpose | Audience | Getting Buy-In | Entry Points |

How do I go about building a dashboard?

Technical Considerations

Time & Expertise
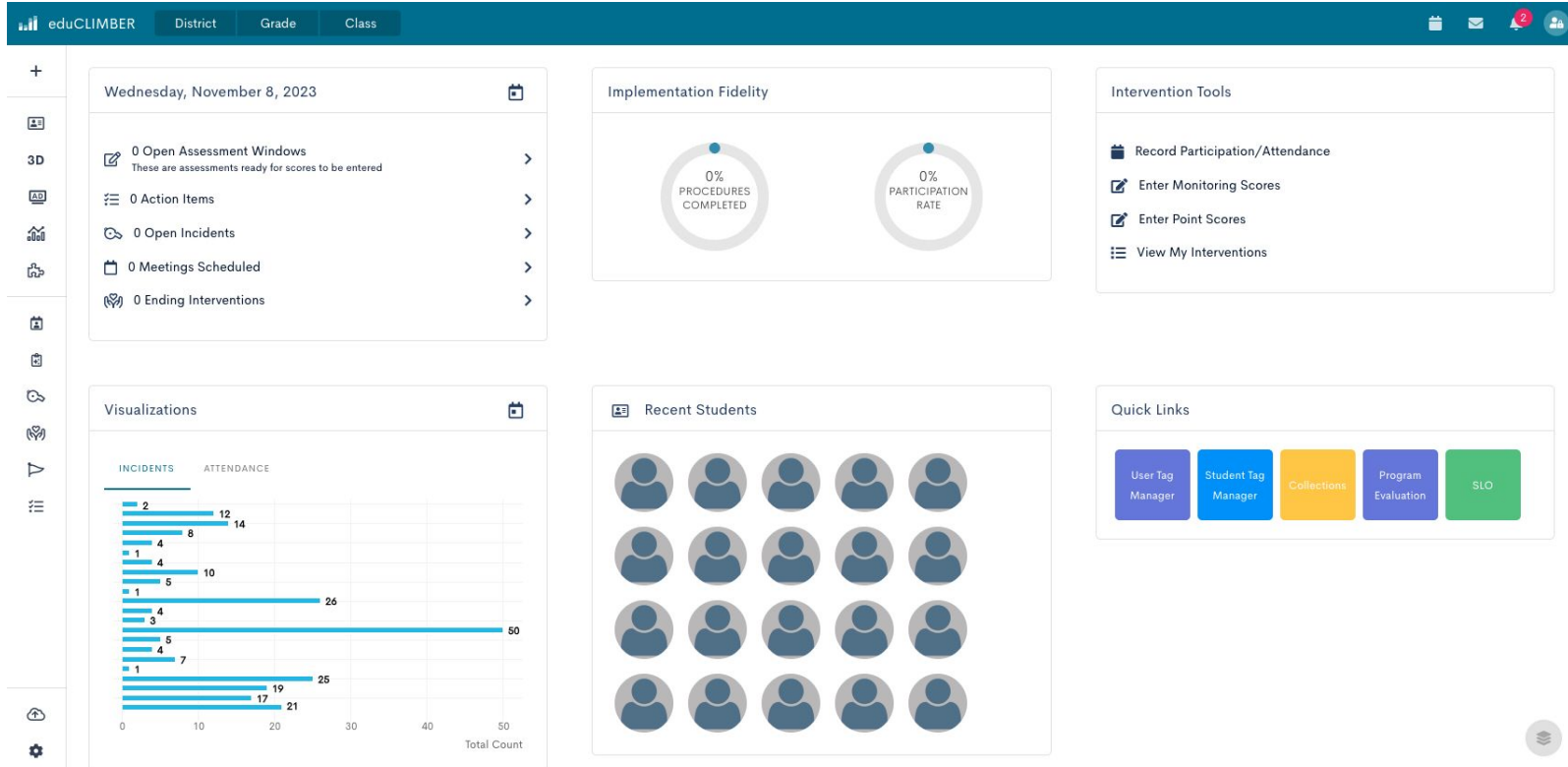
Capacity

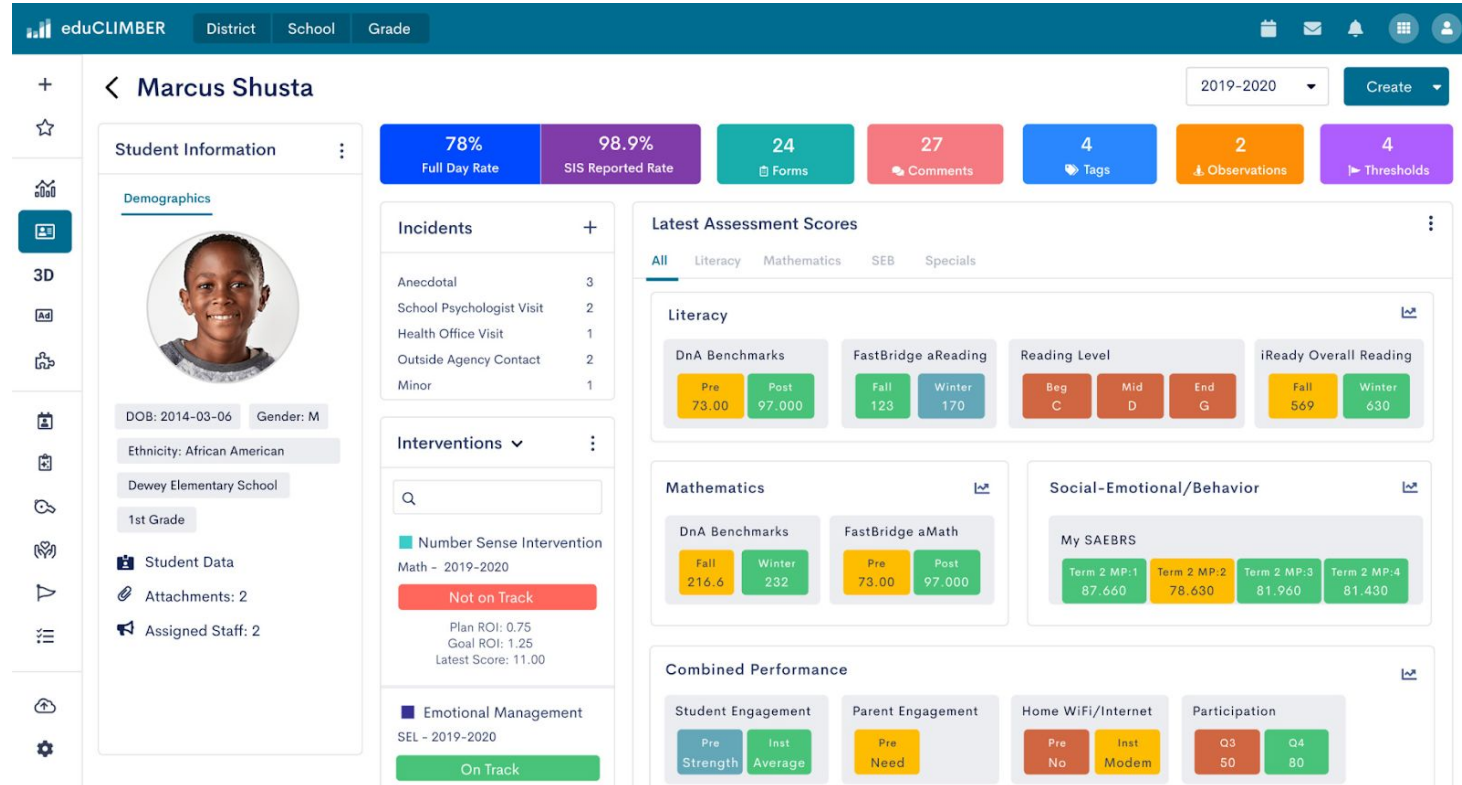Permissions & Access

San Ramon Valley USD
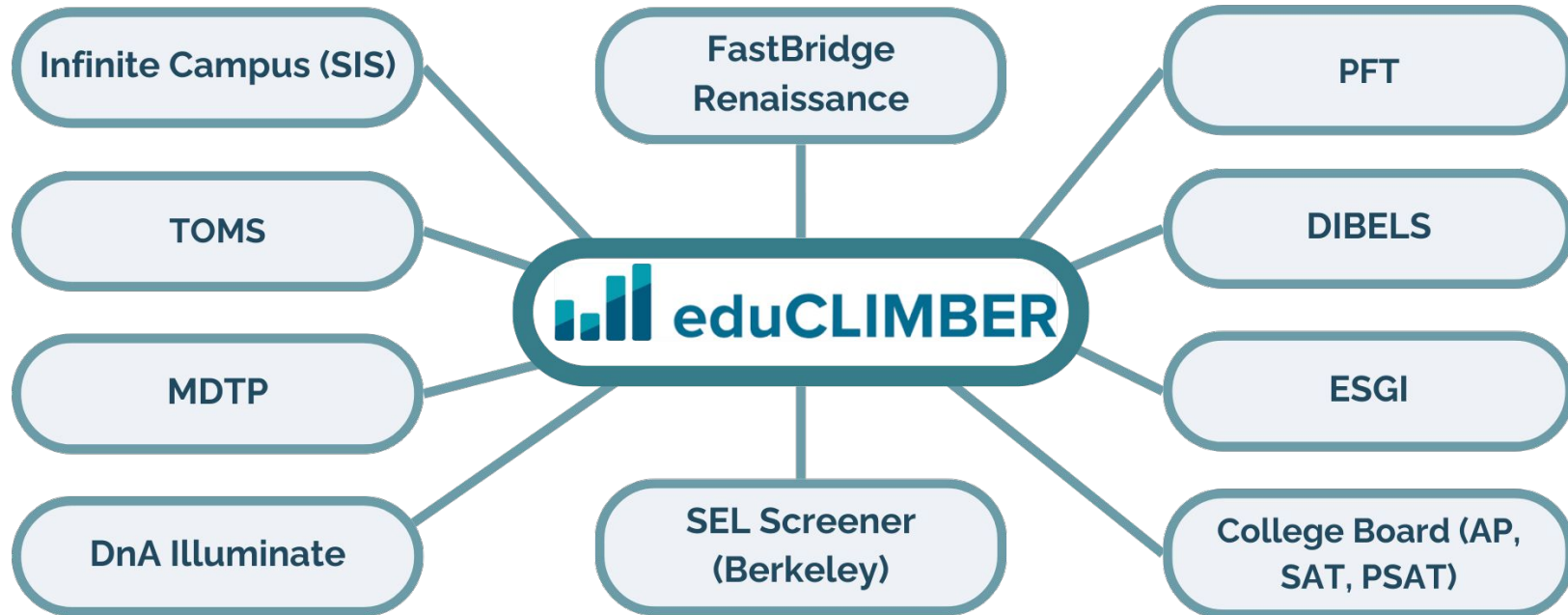
Infinite Campus (SIS)

TOMS

MDTP

DnA Illuminate

FastBridge Renaissance

SEL Screener (Berkeley)

eduCLIMBER

PFT

DIBELS

ESGI

College Board (AP, SAT, PSAT)

Sanger USD

What can I do with a dashboard?

San Ramon Valley USD - eduCLIMBER

San Ramon Valley USD - eduCLIMBER

San Ramon Valley USD - Data Literacy

TOSA Training

Data Protocols

Exit Surveys

Profile Data vs. Data Sets

Sanger USD - Parsec

OVERVIEW DASHBOARD
Overall Results

Sanger Unified
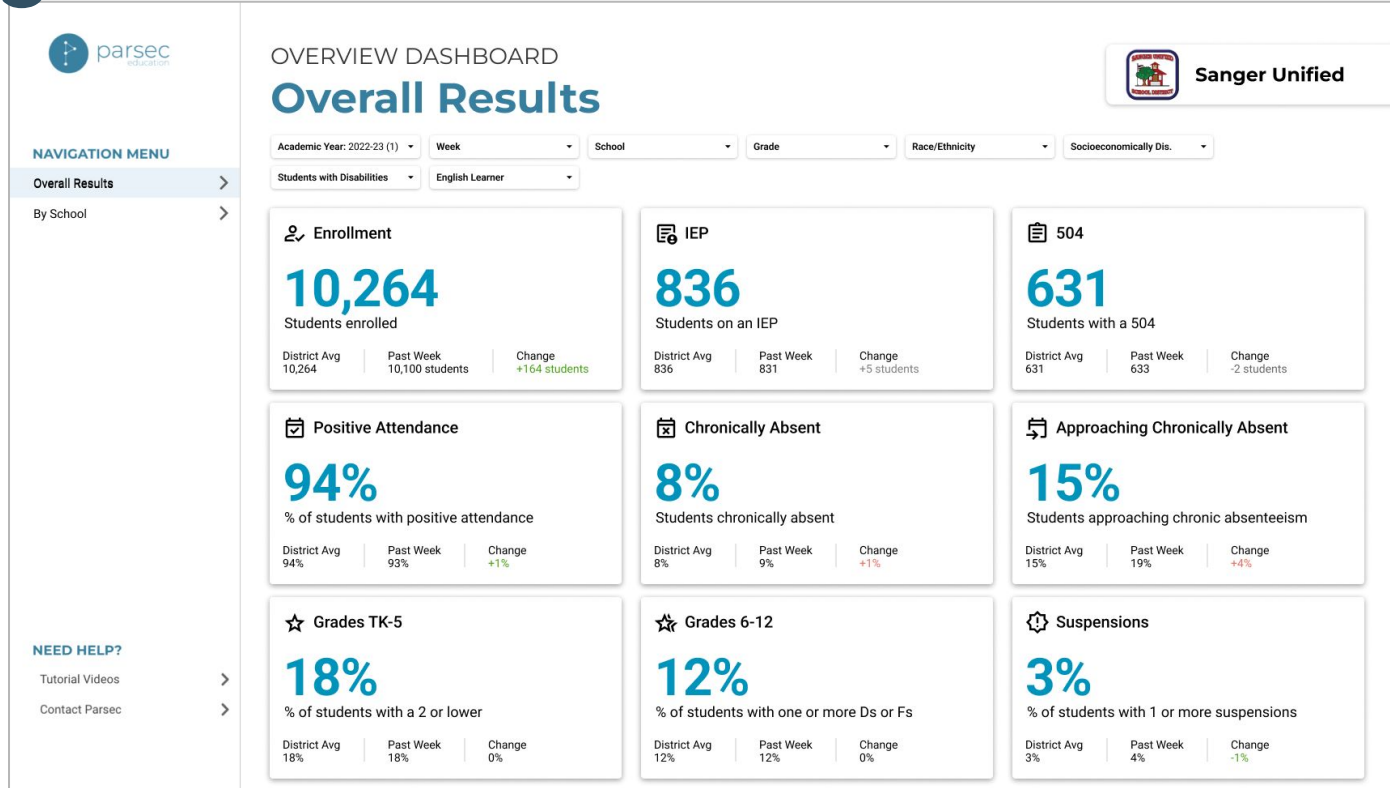
NAVIGATION MENU

Overall Results
By School

Academic Year: 2022-23 (1) | Week | School | Grade | Race/Ethnicity | Socioeconomically Dis.

Students with Disabilities | English Learner

Enrollment
10,264
Students enrolled

| District Avg | Past Week | Change |
| 10,264 | 10,100 students | +164 students |

IEP
836
Students on an IEP

| District Avg | Past Week | Change |
| 836 | 831 | +5 students |

504
631
Students with a 504

| District Avg | Past Week | Change |
| 631 | 633 | -2 students |

Positive Attendance
94%
% of students with positive attendance

| District Avg | Past Week | Change |
| 94% | 93% | +1% |

Chronically Absent
8%
Students chronically absent

| District Avg | Past Week | Change |
| 8% | 9% | +1% |

Approaching Chronically Absent
15%
Students approaching chronic absenteeism

| District Avg | Past Week | Change |
| 15% | 19% | +4% |

Grades TK-5
18%
% of students with a 2 or lower

| District Avg | Past Week | Change |
| 18% | 18% | 0% |

Grades 6-12
12%
% of students with one or more Ds or Fs

| District Avg | Past Week | Change |
| 12% | 12% | 0% |

Suspensions
3%
% of students with 1 or more suspensions

| District Avg | Past Week | Change |
| 3% | 4% | -1% |

NEED HELP?

Tutorial Videos
Contact Parsec

Sanger USD - Parsec

Sanger USD - DnA Illuminate

Sanger USD - Data Literacy

Grade Level Data Scenarios
ELA CAASPP

4	Standard Exceeded
3	Standard Met
2	Standard Nearly Met
1	Standard Not Met

Class 1
Overall Performance: 24 students — DFS -1

Met Achievement Standard: **50%** 12 Students
- 4 — 25.0% 6 Students
- 3 — 25.0% 6 Students

Average Distance from Level 3† -1

Not Met Achievement Standard: **50%** 12 Students
- 2 — 25.0% 6 Students
- 1 — 25.0% 6 Students

†Distance from Level 3 (DFS) measures how far each student is from the Level 3 (Standard Met) Smarter Balanced performance level.

Subgroup — English Learner 22-23 / Students with Disability 22-23
# of Students % Met/Exceeded — 4: 0% / 2: 0%

Class 2
Overall Performance: 24 students — DFS -53

Met Achievement Standard: **17%** 4 Students
- 4 — 4.2% 1 Students
- 3 — 12.5% 3 Students

Average Distance from Level 3† -53

Not Met Achievement Standard: **83%** 20 Students
- 2 — 41.7% 10 Students
- 1 — 41.7% 10 Students

†Distance from Level 3 (DFS) measures how far each student is from the Level 3 (Standard Met) Smarter Balanced performance level.

Subgroup — English Learner 22-23 / Students with Disability 22-23
# of Students % Met/Exceeded — 6: 17% / 2: 0%

Class 3
Overall Performance: 26 students — DFS +2

Met Achievement Standard: **54%** 14 Students
- 4 — 34.6% 9 Students
- 3 — 19.2% 5 Students

Average Distance from Level 3† +2

Not Met Achievement Standard: **46%** 12 Students
- 2 — 19.2% 5 Students
- 1 — 26.9% 7 Students

†Distance from Level 3 (DFS) measures how far each student is from the Level 3 (Standard Met) Smarter Balanced performance level.

Subgroup — English Learner 22-23 / Students with Disability 22-23
# of Students % Met/Exceeded — 5: 20% / 4: 50%

Product

Student Roster Report Smarter Balanced Assessments (SBA)

A student roster report for ELA/Literacy and Math CAASPP data with overall and claim level results. See Example

Run

Performance Level	4th Grade	5th Grade
4 - Exceeded	2549 – 2700	2579 – 2740
3 - Met	2485 – 2548	2528 – 2578
2 - Nearly Met	2411 – 2484	2455 – 2527
1 - Not Met	2205 – 2410	2220 – 2454

Math Year vs Year

		2021 - 2022			2022 - 2023		
ID	Grade	PL	Dist. from Level 3†	Scale Score	Grade	PL	Dist. from Level 3†	Scale Score
A	4	1	-77	2408	5	2	-25	2503
B	4	3	+22	2507	5	2	-3	2525
	4	1	-94	2391	5	2	-29	2499
C	4	2	-58	2427	5	1	-82	2446
	4	3	+12	2497	5	3	+19	2547
	4	1	-97	2388	5	1	-177	2351
	4	2	-40	2445	5	1	-175	2353
	4	2	-67	2418	5	2	-53	2475
	4	1	-130	2355	5	1	-74	2454
	4	1	-86	2399	5	2	-30	2498
	4	3	+23	2508	5	2	-72	2456
D	4	1	-126	2359	5	3	+6	2534
	4	2	-50	2435	5	2	-18	2510
	4	3	+8	2493	5	2	-33	2495
	4	2	-59	2426	5	3	+13	2541
E	4	1	-226	2259	5	2	-51	2477
	4	1	-92	2393	5	1	-77	2451
	4	2	-69	2416	5	2	-44	2484
	4	3	+50	2535	5	4	+83	2611
F	4	1	-134	2351	5	1	-79	2449
	4	1	-106	2379	5	3	+31	2559
	4	2	-53	2432	5	3	+5	2533

Math Year vs Year

		2021 - 2022			2022 - 2023		
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B	4	3	+22	2507	5	2	-3	2525
	4	1	-94	2391	5	2	-29	2499
C	4	2	-58	2427	5	1	-82	2446

Sanger USD - Data Literacy

Principal Data Summits
Each school site principal presented in June 2023 to review 2022-23 and look towards 2023-2024.

- Introduction/Overview (5 min.)
- Signature Practice (15 min)
- Problem of Practice (15 min)
- Reflection - Jamboard and Q&A (10 min)
- Linked to SPSA/Summit Success Plan

Data Chat Protocol (DRAFT)

Step #1 - What do you notice? (5 minutes)
● What do you see in the data?
● Statements of fact - not speculation or interference
● Look for patterns - topic areas/domains, classes, grade levels
● Share out -
  ○ "Areas of strength/weakness include…"
  ○ "A pattern/trend I observe is…"
  ○ A similarity/difference within the data is…"

Step #2 - What do you wonder? (10 minutes)
● Ask follow up or clarifying questions about the data
● Hypothesize possible reasons for the areas of strength/weakness
● Brainstorm potential explanations for some of the data
● Share out -
  ○ Students did well on…
  ○ Students struggled/declined on…

Step #3 - Now What? (15 minutes)
● Plan specific actions to address the areas of greatest need
● What instructional strategies will be used to answer questions:
  ○ How will we respond when some students do not learn?
  ○ How will we extend the learning for students who are already proficient?
● What opportunities will students have for additional practice?
● How will this skill/concept be reassessed to check for proficiency?
● What does the data *not* tell us? What additional data could be collected in the future?

How can I gather feedback on dashboards?

User Statistics and Surveys

Web Traffic

Pageviews & unique pageviews

Total visits & unique visitors

Sessions/Length of stay

File downloads

Pathways

Traffic sources

Measuring Use

Passive

Traffic

Active

Popup Surveys
Login Surveys

Data Analytics

Snapshot

Week, Month, Quarterly, Annual

Short-Term Trends

Comparison to immediate prior timeframe (e.g., Aug '23 to Sept '23)

Long-Term Trends

Comparison to previous year timeframe (e.g., Aug '22 to Aug '23)

San Ramon Valley USD - Collections

San Ramon Valley USD - Survey Results

Educlimber can provide a one-stop shop for my data needs.   🗐 Copy

35 responses
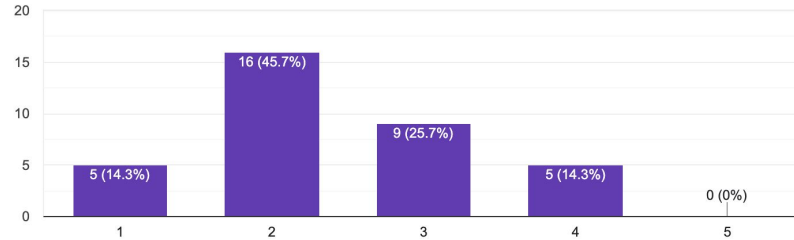
I feel familiar enough with Educlimber to return to my site and begin utilizing the platform.   🗐 Copy
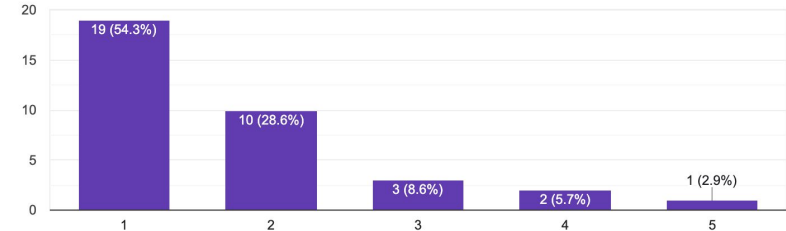
35 responses
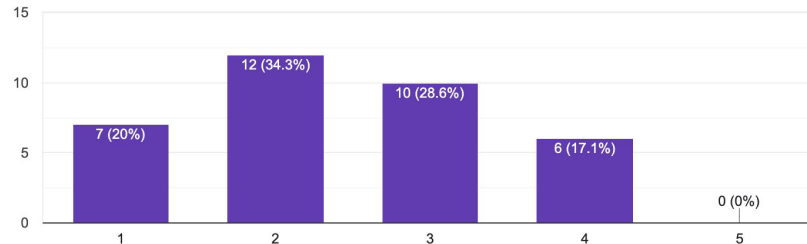
The training provided clear and concise ways to access, visualize, sort, and organize data.   🗐 Copy
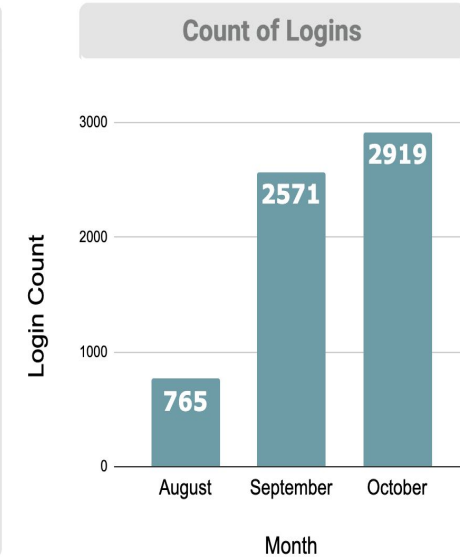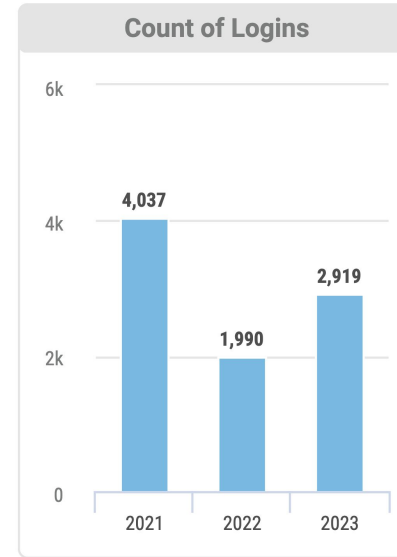
35 responses

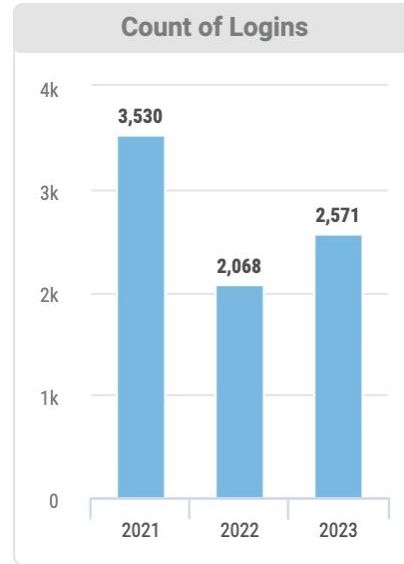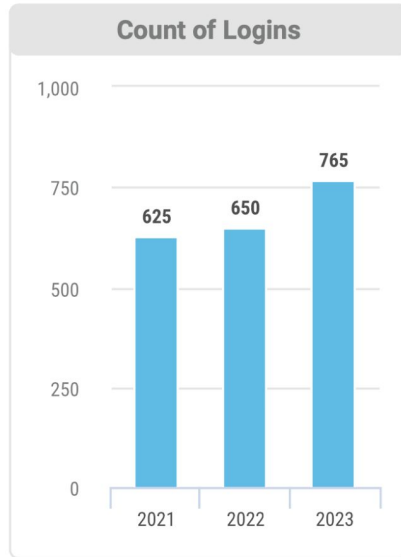# Sanger USD - Content Creation
Assessment Creation Summary

August 2023

Assessment Creators	Total Assessments Created	Total
18	34	15

44% Percentage of Assessments with Data

September 2023

Assessment Creators	Total Assessments Created	Total
96	268	100

37% Percentage of Assessments with Data

October 2023

Assessment Creators	Total Assessments Created	Total
79	195	102

52% Percentage of Assessments with Data

Number of Assessments Taken*
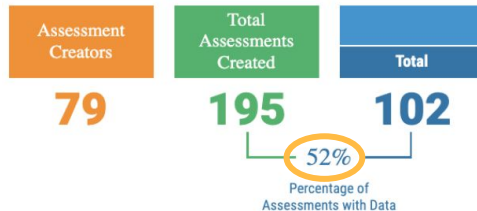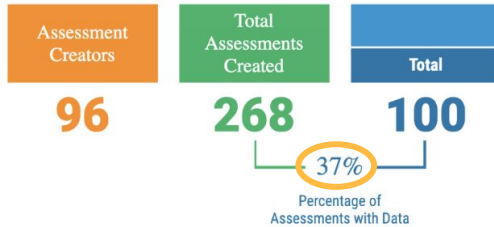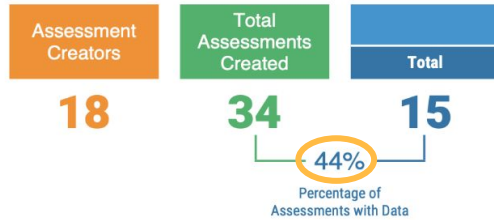
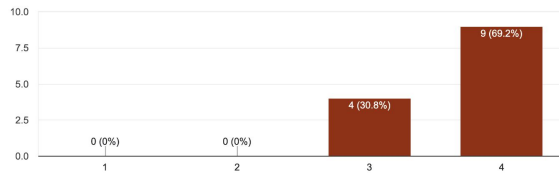| Month	Number of Assessments Taken
August	1589
September	15615
October	22648
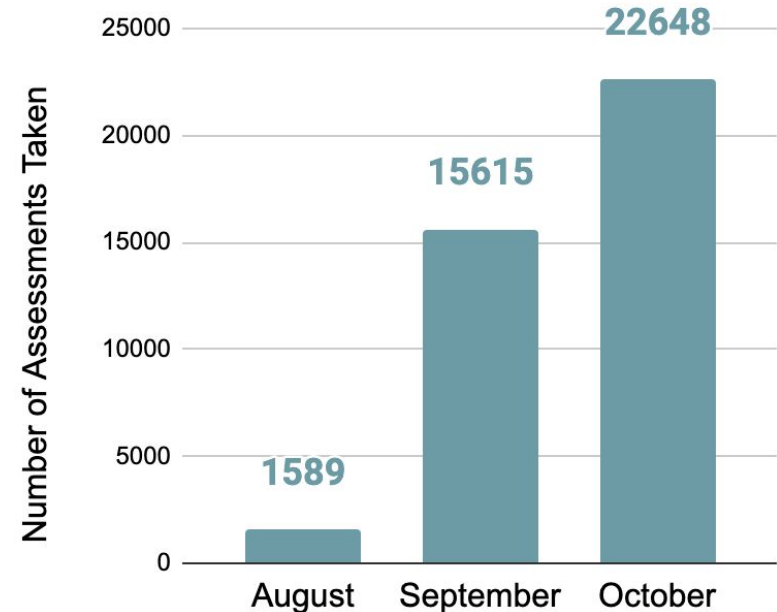
Sanger USD - Teacher Survey Feedback
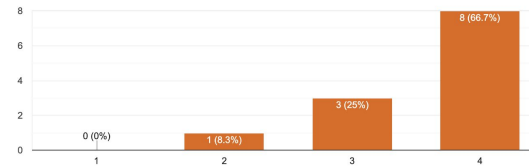## Learning Progressions & Common Formative Assessments

ELA 7-8 (September 5)

How valuable was today's experience?
13 responses

Science 7-8 (September 11)

How valuable was today's experience?
12 responses

Social Science 7-8 (September 12)

How valuable was today's experience?
9 responses
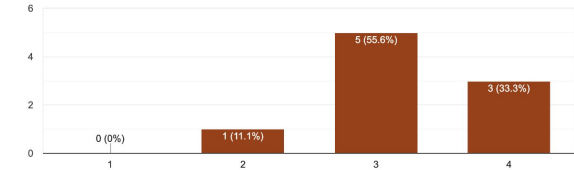
What is a take-away from today will you be able to implement right away?

- "Building tests on **Illuminate** and administering the CFA's that we created as a team."

- "I plan to implement **Illuminate** for secure testing and to explore the testing types."

- "Use the **Illuminate** item bank and deconstructing standards."

Thank You!

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Data

Slides

Handout

[Link to PDF Handout](#)

Guiding Our Schools Forward:
Best Practices for Districts Utilizing Assessment Dashboards to Improve Data Literacy & Target Student Supports

2023 CERA Conference Presenters:
- Allan Taing, Senior Manager of Research & Impact Analysis, CCEE, ataing@ccee-ca.org
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- Kit Bragg, Director of Assessment, Research, & Evaluation, San Ramon Valley USD, kbragg@srvusd.net
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- Katie Gault, Coordinator of Data & Assessment, Sanger USD, katie_gault@sangerusd.net

Do I even need a dashboard?

Determining need requires discussion of:
- What Data
- What Purpose
- Audience
- Getting Buy-In
- Entry Points

What can I do with a dashboard?

Dashboards allow you to:
- Aggregate Data
- Customize Reports

In support of:
- Data Literacy
- Target Student Supports

How do I go about building a dashboard?

Technical considerations include:
- Time & Expertise
- Capacity
- Permission & Access
- Datasets

How can I gather feedback on dashboards?

User statistics include:
- Web Traffic
- Passive & Active Use
- Snapshot, Short-Term, Long-Term Trends
- Surveys
- Street Data

Resources:
- Session Slides: bit.ly/469WcRZ
- CCEE Website: https://ccee-ca.org
- CCEE Data Research Learning Network: bit.ly/ccee-drln