

Level Up Your Data Strategy to Include Families and Accelerate Learning

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Introductions



Jill Nyhus

Chief Growth Officer
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Dr. Barbara Mullen

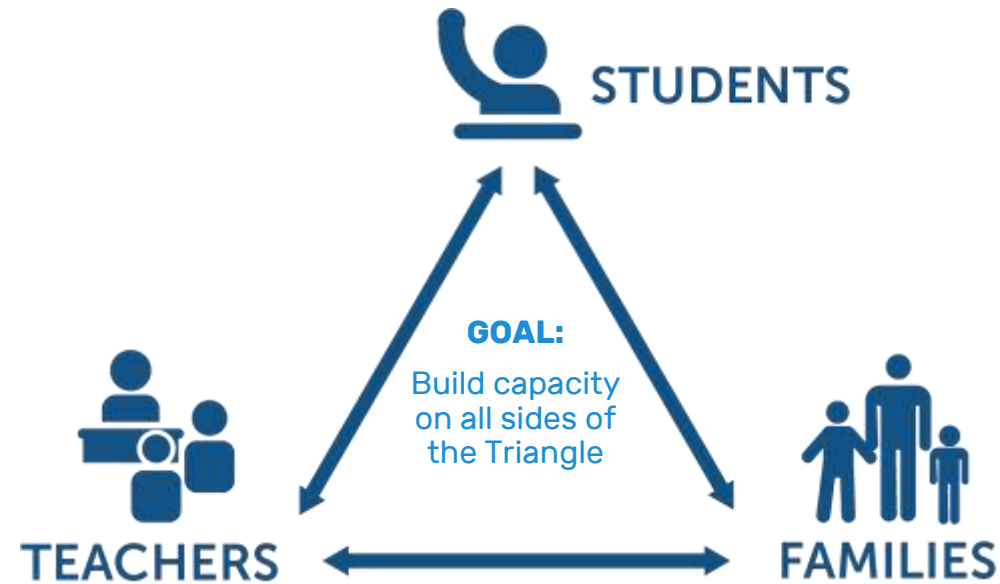
Assistant Superintendent for Student Services
Cambridge Public Schools (MA)

Our Time Together

- Context and Intro to PowerMyLearning (5 min)
- Featured Speaker (35 min)
- Q&A (15 min)
- Wrap-Up (5 min)



About PowerMyLearning

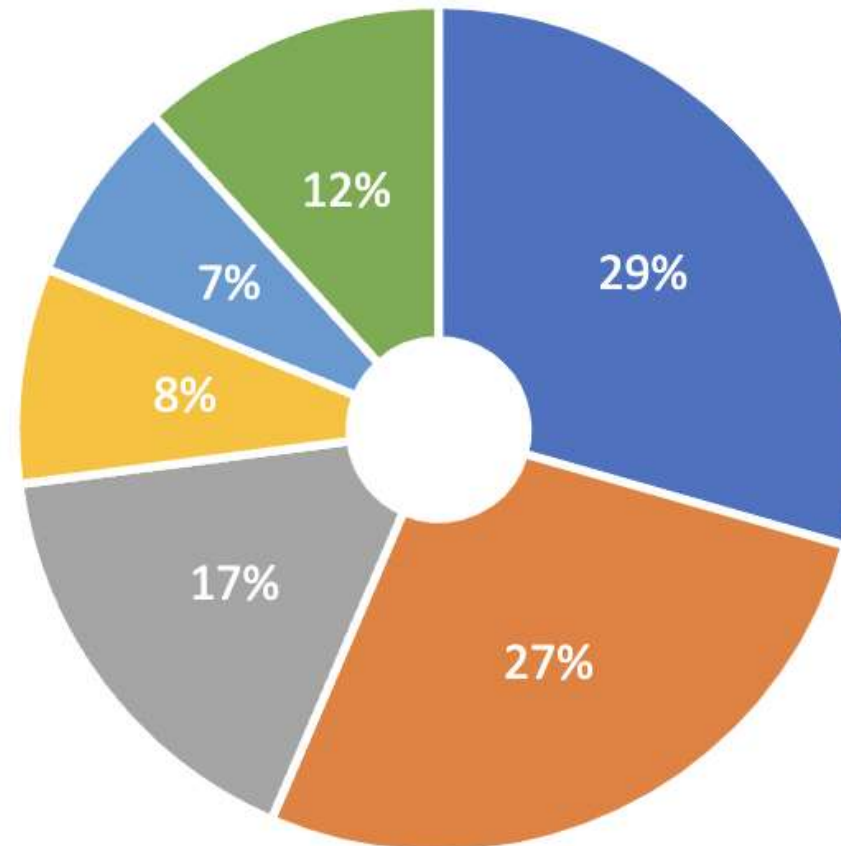


A woman and a young girl are looking at a notebook together. The notebook has several math problems written on it, including $8+8=$, $6+6=12$, and $7+7=$. The background is a blurred indoor setting with a lamp and some books.

Setting the Context

What about student data do you wish parents/caregivers understood more?

- How data reflects academic achievement
- How to interpret data
- How to use data to support students at home
- Attendance
- How data is collected
- I wish I knew how I could share data with families better



Welcome, Dr. Mullen!



Dr. Barbara Mullen

Assistant Superintendent for Student Services,
Cambridge Public Schools in Cambridge, M.A.

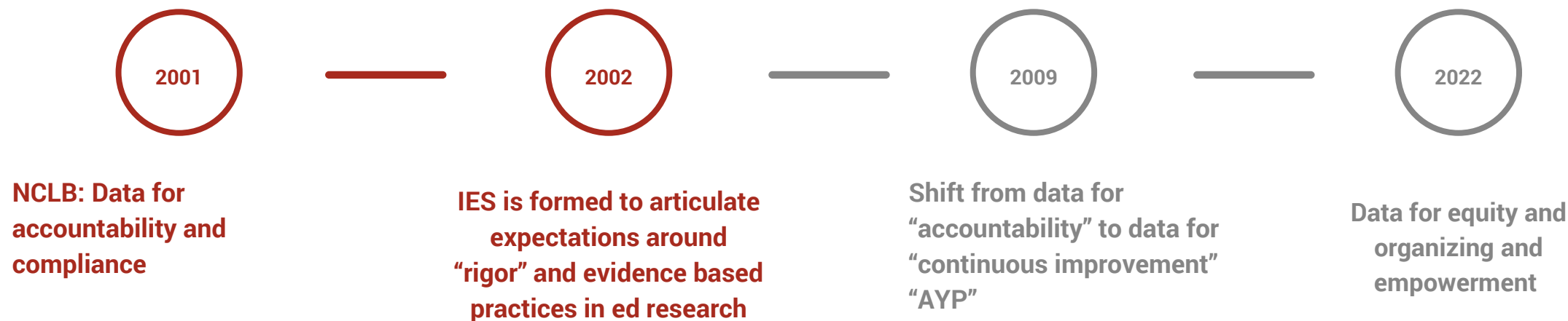
Overview

- Data-Based Decision Making: A Retrospective
- Equity-Centered Data Strategy
- Moving from Data to Insights: Caregivers at the Core
- Data Capacity Building for Caregivers
- Practical Strategies to Move Forward

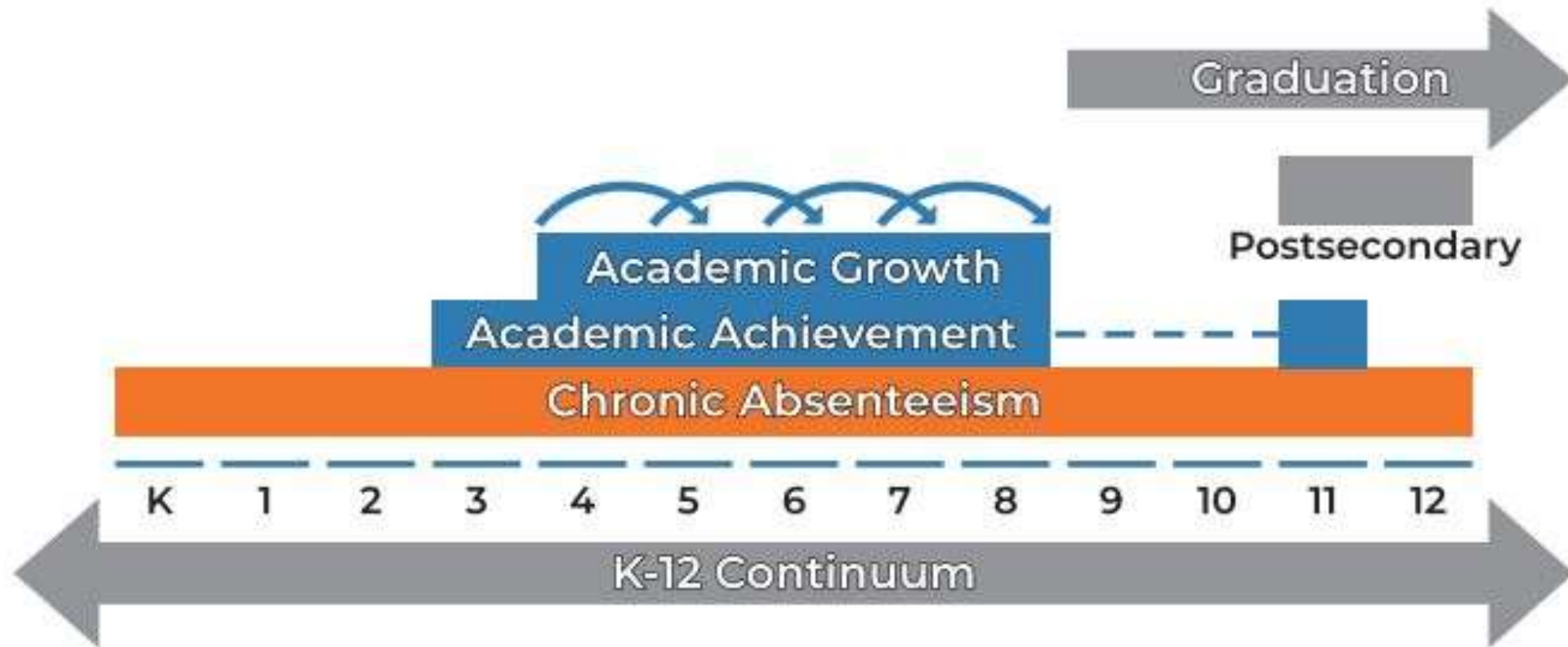
Historical Context for Data-Based Decision Making in Education



“Rigor is important but if we do not meet the needs of our stakeholders we have not done our jobs” (Easton, 2009).



What *do* we measure in education? (The black hole of data)



Data Rich; Insight Poor

Student Outcomes (Formative/Summative)

- Course completion and access
- Post-secondary data
- Student discipline data
- Curriculum-based assessments
- “Exit tickets”
- Teacher/student conferencing
- Diagnostic assessment data (academic and behavioral)
iReady, STAR,/ BIMAS, DESA etc.
- Culture and climate data
- SEL surveys and observations
- Running records on reading interventions
- Evaluation data/assessments for 504/ESL/Special Education services
- Ed tech supplemental analytics
- IEP progress notes
- Summative state assessment data
- Likely more!

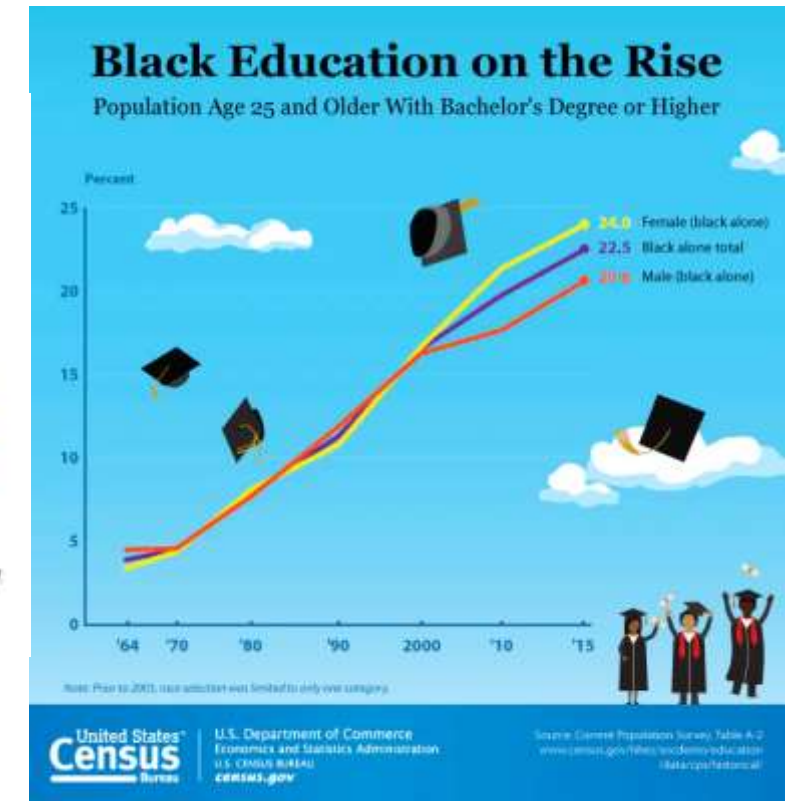
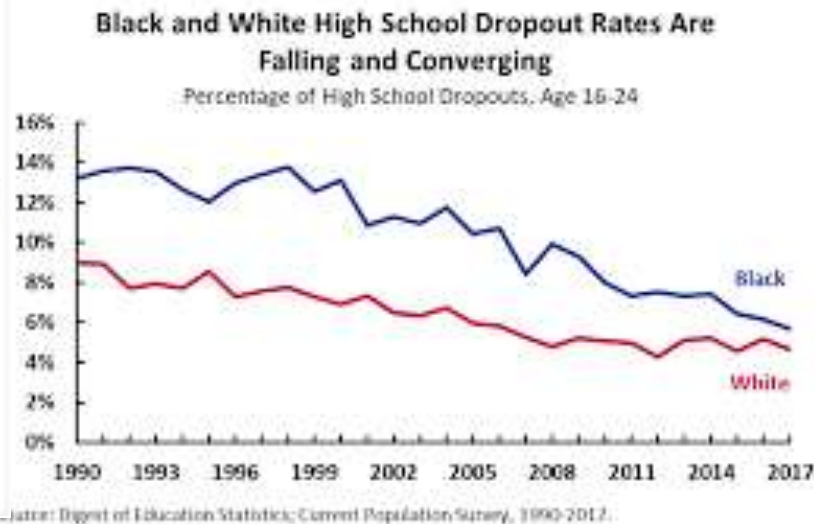
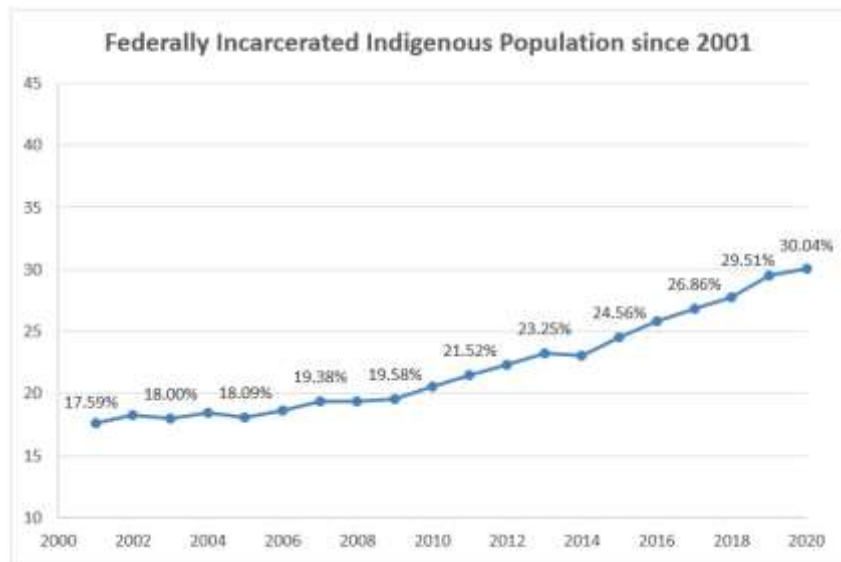
Educator / Organization Practices

- Staffing numbers
- Teacher evaluation
- Teacher tenure
- Teacher credentials
- Program implementation data
- Quality assurance data
- Teacher attendance
- Culture and climate data
- SEL surveys
- Recruitment and retention data
- Spending, budget allocation, etc.
- Likely more!

Data can be a hammer or a flashlight.



How do we “reconcile” the way data has been used to tell stories about the communities we serve?



Reclaim data use as a mechanism for “seeing more” and bringing “more” perspectives to the table.



Good, Bad and Inequitable



What does data have to do with equity?



Project Zero



Althorimic Justice
League

Articulating Your Equity-Centered Data Strategy

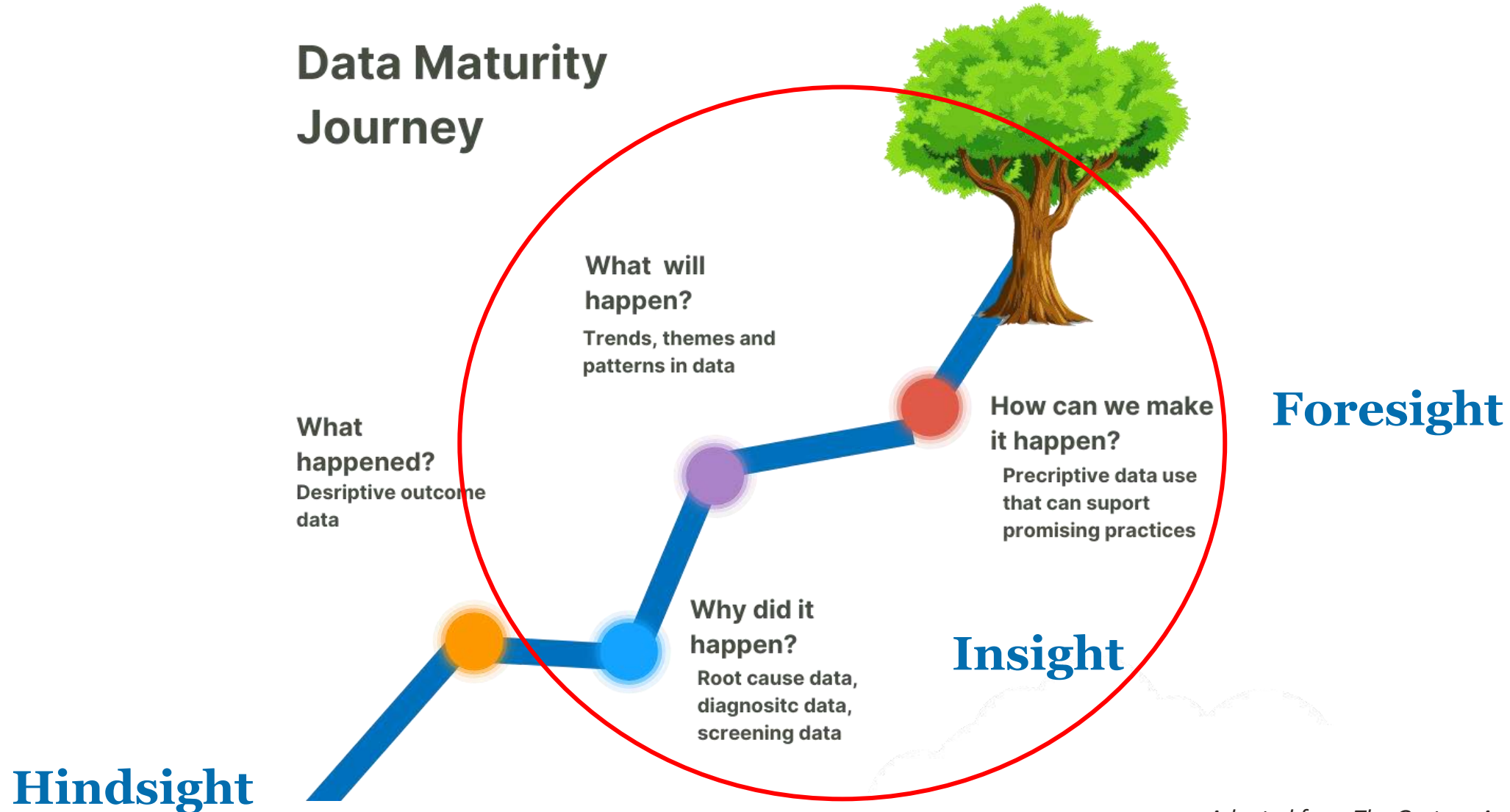


People: have what they need so they are empowered to use the data

Processes: data is high quality and accessible to all users

Practices: there are clear practices around collection, sharing, and analysis of the data.

Your data strategy should mature over time.



Adapted from The Gartner Analytic Ascendancy Model

Considerations for bringing caregivers into your data strategy:

- Humanizing context
- Visualization
- Storytelling
- Democratization of data
- Data granularity
- Capacity building

Humanizing Context

- Children are more than data points
- Parents are concerned about the amounts of data being collected on and around their students
- Metrics mean different things to different families
- At every turn, question your assumption around the data



Visualization

- Data visualization tools should not only make the data look good but easier to interpret.
- Non-education community members should be able to easily spot trends and patterns.



Storytelling



- The context should be clear for the quantitative metrics that caregivers/community members are looking at. If it's qualitative, themes should be bookended by relevant information to provide "entry points."
- Data dashboards should anticipate the "path of investigation" that is it should be nimble enough to allow the users to go down a predictive path of curiosity and questioning.

Democratization of Data



- Consider who has access to “what data”? How does your student data privacy practice prohibit or support engagement of caretakers/community members in data conversations?
- Define common terms around data, assessment and measurement; no jargon speak.
- How are you building educator capacity to talk “data” with families?

Data Granularity



- You should be able to provide right level of detail for the right audience. Caretakers and community stakeholders don't need the same data granularity as SEAs or educators.
- Have we disaggregated data to truly be able to see the “problems” clearly and those most meaningful to those at the table?

Why data capacity development for caregivers?



Capacity Building

- Empowered to use the data
- Clear on how to impact change in their own lives and the lives of their children
- Have the context and understanding to organize and mobilize
- Efficacy in critical conversations (IEP, ELL)

Data Capacity Building Strategies

- Use data analysis protocols to facilitate data conversations
- Host data literacy nights/data capacity nights
- Engage PACs (SE-PAC, Parents of Color Council, etc.) in data conversations in multiple languages and formats
- Create heterogeneous mechanisms for data conversations

Systems Level

- Continuous improvement communities of practice that include caregivers
- School/community/partnership strategy meetings

School Site Level

- Develop school continuous improvement councils/committees
- Build department chair capacity in IEP/ 504 meeting facilitation
- Create a data newsletter to increase communication around data language

Key Takeaways

- We must evolve our data strategy to move from hindsight to foresight
- Data has been used to harm and we must reconcile with communities whose insight we need in order to advance our data strategy and accelerate learning.
- How we talk about data impacts the way we use it and how we determine the next best steps in impacting student outcomes.

Closing Inspiration

"You're not a victim for sharing your story. You are a survivor setting the world on fire with your truth. And you never know who needs your light, your warmth and raging courage."



CHOCOLATE SOCRATES



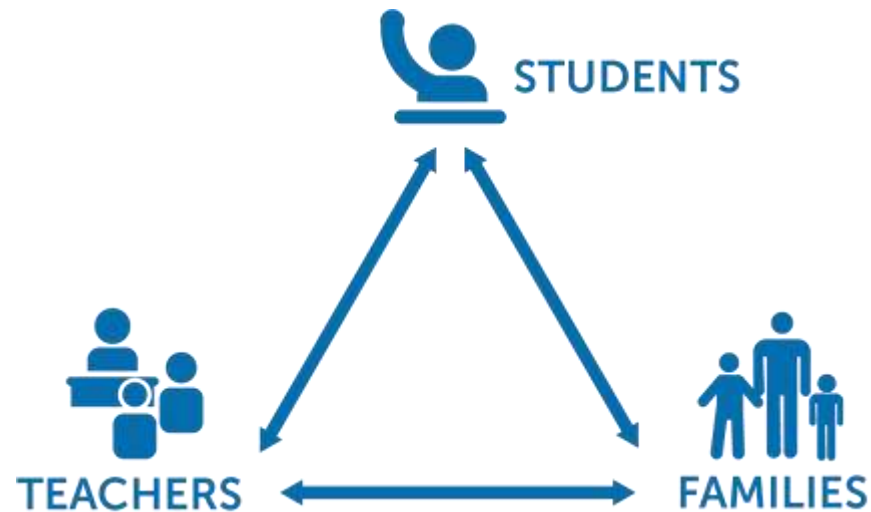
Closing

Takeaways

In the chat, please share how will you plan to bring families into your data strategy moving forward after today's webinar.



Programs



Accelerate Learning



Social Emotional Learning



Culturally Responsive Education

Family Workshops

Give families more support in their children's learning.



60-minute engaging virtual workshops for families (and students)



Available in English and Spanish



Family Workshops

Choose from a variety of topics for your community, such as:



Creativity and Problem Solving through STEAM



Family Wisdom: What Schools Can Learn from



You

Game On! Learning Through Play for all Ages





Connect with us!



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Company/PowerMyLearning

Thank You!

Get In Touch

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