



Know Your Why

Analyzing data to identify strengths and weaknesses and setting improvement goals to improve student learning.

Birmingham City – Title I Summit

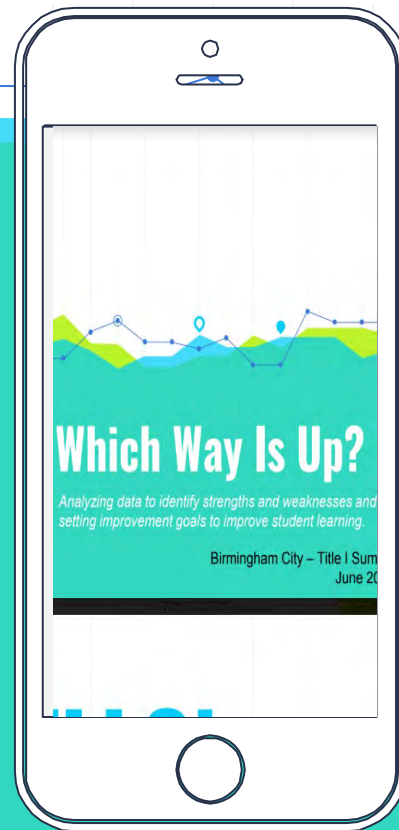
HELLO!

Dr. Melissa Shields, NBCT

ALSDE – Office of Student Learning

You can find me at @mjshields on Twitter!

You can follow along with this presentation!



Today's Agenda

- Discussing Why Data Matters
- Reflecting on Accessible Data
- Prioritizing the Data
- Creating Shared Leadership Opportunities
- Looking Ahead



When you know your "why,"
your "what" has more impact....



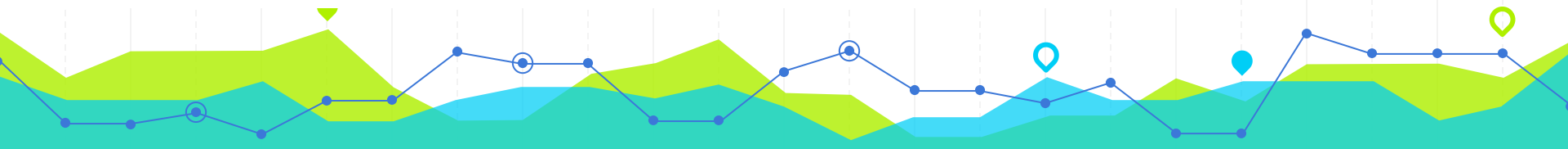
“

*You always have two choices:
to accept things the way
they are, or to have the
courage to change them.*

-Jeckov Kanani



what
defines
you



The Focus of
the **Good**
Leader

The Focus of the **Great**
Leader

Present Day

+15 Years

+30 Years

Legacy

Future Thinking Timeline

© George Ambler 2014

Data provides answers to critical questions...

1. Where are we now?
2. Where do we want to be?
3. How will we get there?
4. How will we monitor our progress?
5. How will we evaluate our effectiveness?



Why Data Matters

- Measure student progress
- Assess instructional effectiveness
- Guide curriculum development
- Maintain educational focus
- Show trends
- Measure program effectiveness
- Promotes accountability
- Informs stakeholders
- Meet state and federal reporting requirements
- Allocate resources wisely

What data does the
public see?



What data do we see?

Multiple Measures of Data

Learners & Parents	Support Systems	Education Professionals	Schools & Systems
<ul style="list-style-type: none">• Student Achievement• Learning Gains• Achievement Gaps• College & Career Readiness• Demographics• Perception• Family Engagement	<ul style="list-style-type: none">• Graduation Rate• Drop Out Rate• Attendance• Discipline• Intervention• Enrichment• Guidance & Counseling• Health & Well-Being	<ul style="list-style-type: none">• Teacher Attendance• Administrator & Teacher Effectiveness• Recruitment & Retention	<ul style="list-style-type: none">• Culture & Climate• Community Engagement• Professional Development• Continuous Improvement Plan• School Finance



Data-Informed Decision Making During a Pandemic

Student Learning

- Interim Assessments
- Student Work Samples
- Classroom Assessments (Type and Frequency)

Perception Data

- Teaching and Learning Surveys
- Perception Survey Data (e.g., parents, students, teachers, community, school leaders)
- Self-Assessment Tools



Local Demographics

- School Location and Size
- Student Characteristics
 - Poverty, IEPs migrant, race, ethnicity, mobility
- Staff Characteristics (Experience, Attendance, Turnover)
- Feeder pattern

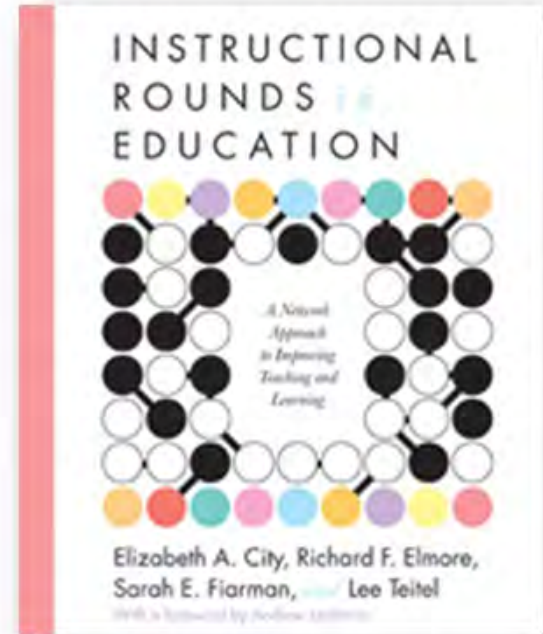
School Processes

- Instruction
- Curriculum and Instructional Materials
- Services and/or Programs (Title, Special Ed)
- Interventions
- Family/Community Involvement
- Evaluations of School
- Discipline Referrals and Suspension Rates



“Schools don't need more things to do. They need to do less with greater focus.”

From *Instructional Rounds in Education*





You
can't teach
me if you
don't know
me...

Portfolio Assessments



Teacher-Student Conferences

The **ZONES** of Regulation[®]

			
<p>BLUE ZONE</p> <p>Sad Sick Tired Bored Moving Slowly</p>	<p>GREEN ZONE</p> <p>Happy Calm Feeling Okay Focused Ready to Learn</p>	<p>YELLOW ZONE</p> <p>Frustrated Worried Silly/Wiggly Excited Loss of Some Control</p>	<p>RED ZONE</p> <p>Mad/Angry Mean Terrified Yelling/Hitting Out of Control</p>



Jessie Cayton

March 18 at 1:02 PM · 🌐

Started class with this check-in today & I'm so glad I did.

Students wrote their name on the back of a sticky note and then placed it in the row that most accurately aligns with how they're feeling right now.

Time away from school is really hard for some of my kids. Coming back to school can be really tough, too. We're sleepy, or cranky, or anxious, or turned all the way up to 1,000.

It's easy to misinterpret behavior and its cause. But I'm grateful (especially as the day goes on) to have a little context for why we might be making the choices we are.

Quincy Family Friday Check-In

Dear Quincy Families,
You are constantly on our minds and we would like to know how you are doing. Please respond to the questions below to let us know if you are doing okay or if you need anything.
Thank you! We miss you!
Your Q-Crew



Email address *

Our name(s) *

Please let us know how you are doing, we are here to help. *

- Our family is doing just fine, all are healthy.
- We are struggling a bit with being stir-crazy, but we are holding it together.
- We are sick, but we are doing okay at this time.
- We are sick and need help. Please check in on us via email or phone. (let us know how to contact you in the "other" section)
- We need food and/or supplies. Please check in on us via email or phone. (let us know how to contact you in the "other" section)
- Other:

Submit

Never submit passwords through Google Forms.

Monday Morning Check-In (COVID-19 Edition)

How are you feeling? *

- We are doing well, I feel good about our plan for the week.
- We are doing okay, thankful we are not sick.
- We have sick family members, but we are doing okay.
- Please call me, I need some TLC.
- Please tag me in to remotely work on a project, I am going stir-crazy.
- I would love to connect virtually to learn together (book study, etc.).
- I am not doing well at all, either physically or emotionally, and would love some help.
- Other:

Review and Submit

Never submit passwords through Google Forms.



Zones and Mood Meters

GoogleForms Check-in

My Zones Check-in
Let's check in about how you are today!
* Required

Hi! What ZONE are you in right now? *

BLUE ZONE Sad Sick Bored Moving Slowly	GREEN ZONE Happy Calm Feeling Okay Focused Ready to Learn
<input type="radio"/> BLUE Zone	<input type="radio"/> GREEN Zone
YELLOW ZONE Frustrated Worried Silly/Wiggly Excited Loss of Some Control	RED ZONE Mad/Angry Terrified Yelling/Hitting Elated Out of Control
<input type="radio"/> YELLOW Zone	<input type="radio"/> RED Zone

Integrate The Zones into Discussions of Current & Historical Events

- Empathize with historical figures
- Examine the role of emotional movements
- Connect concepts such as Problem/Size of the Problem to historical and current events

Bitmoji
visuals



Zones of Regulation



Credit: Ms. Witherell, Newton School, Greenfield, MA



© MARK ANDERSON

WWW.ANDERSTOONS.COM



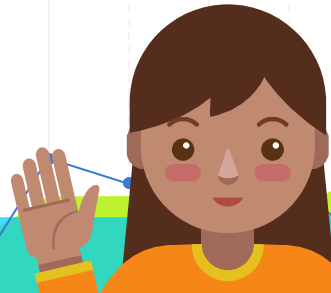
"Before I write my name on the board, I'll need to know how you're planning to use that data."

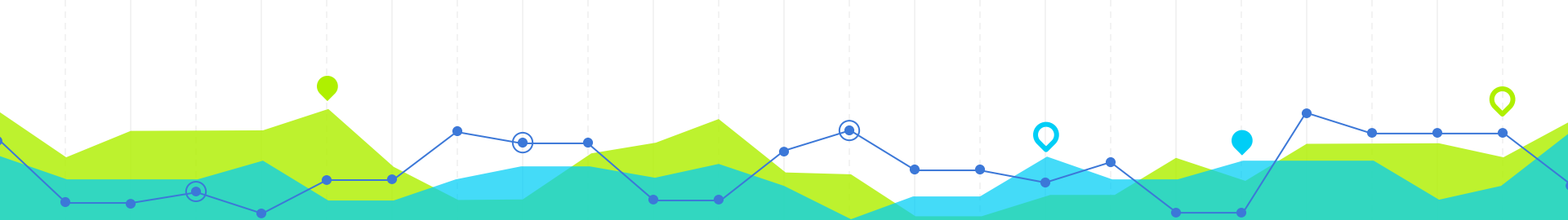


Each day of absence in ninth grade is associated with a dramatically reduced likelihood of graduating.

0-4 – days out – 87% chance of graduating
5-9 – days out – 63% chance of graduating
10-14 – days out – 41% chance of graduating
15-19 – days out – 21% chance of graduating
20-24 – days out – 9% chance of graduating
25-29 – days out – 5% chance of graduating
30-34 – days out – 2% chance of graduating
35-40 – days out – 1% chance of graduating

Source: *Every Child a Graduate*





The goal is to turn data into information and information into insight. - Carly Fiorina



Data Leadership Teams

- The process of using data is a **team effort** and should not rest solely on one person.
- Since data comes from a variety of sources, it is important to have representatives with **different perspectives and experiences** to ensure that valuable data is not overlooked.
- Teams should be kept to a manageable size. 5-7 team members is ideal.





REALITY



EQUALITY



EQUITY



SOCIAL JUSTICE

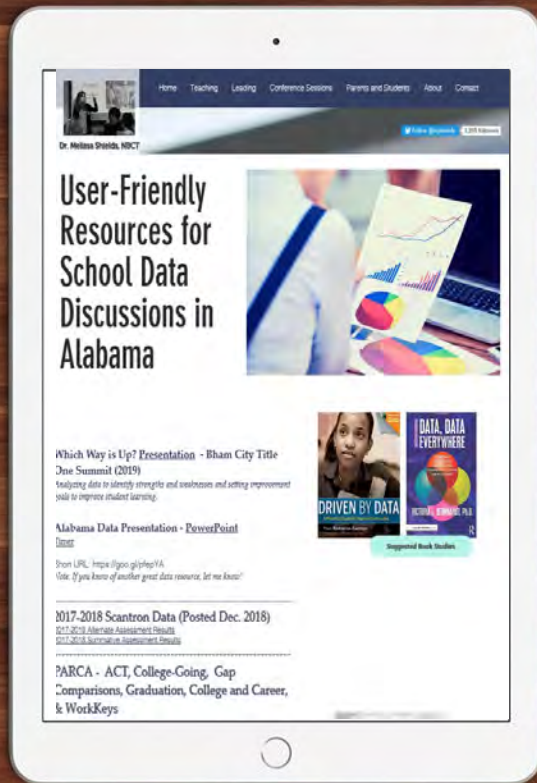


EQUALITY **DOESN'T**
MEAN **EQUITY**



Data Tools

Academic and Non-Academic Data



The tablet displays a website with the following content:

- Navigation menu: Home, Teaching, Leading, Conference Sessions, Parents and Students, About, Contact
- Profile: Dr. Melissa Shields, NBCT
- Header article: **User-Friendly Resources for School Data Discussions in Alabama** (with image of a person holding a data chart)
- Article: **Which Way is Up? Presentation - Bham City Title One Summit (2019)**
Analyzing data to identify strengths and weaknesses and setting improvement goals to improve student learning.
- Article: **Alabama Data Presentation - PowerPoint**
From URL: <https://goon.gilstrapVA>
Note: If you know of another great data resource, let me know!
- Article: **2017-2018 Scantron Data (Posted Dec. 2018)**
DIT-2018 Alternate Assessment Results
DIT-2018 Scantron Assessment Results
- Article: **PARCA - ACT, College-Going, Gap Comparisons, Graduation, College and Career, & WorkKeys**
- Image: **DRIVEN BY DATA** book cover
- Image: **DATA, DATA EVERYWHERE** book cover
- Label: **Suggested Book Studies**

Workforce Development



My teacher
thought I was
smarter than I
was – so I was.

Six-year-old

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by [SlidesCarnival](#)
- Photographs by [Unsplash](#)

Free templates for all your presentation needs



For PowerPoint and
Google Slides



100% free for personal
or commercial use



Ready to use,
professional and
customizable



Blow your audience
away with attractive
visuals

