So You Have Data, Now What?
Becky Blink, Ph.D.

- Over 25 years in education as an English Teacher, Reading Teacher, Reading Specialist, Director of Curriculum & Instruction, District Assessment Coordinator, and District Data Manager
- Master’s Degrees in Educational Administration and Reading Education, Ph.D. in Educational Leadership and Policy Analysis
- Author of *Data-Driven Instructional Leadership* (2007), and *Leading Learning for Digital Natives: Combining Data and Technology in the Classroom* (2016)
- Moved to Educational Technology Field in 2012
- Passionate about the use of data for school improvement!
A  Current Challenges with Educational Data
B  Managing Data vs. Leading with Data
C  Data-Driven Instructional System Model
D  BrightBytes Modules
E  Closing
Interoperability

- Multiple Data Sources
- No Central Dashboard
- Capacity to Collect & Analyze is Limited
Meta-Analysis of Usage

- Determining what works and what doesn’t work
- What is making the biggest impact on student learning and how do you know?
- Is your learning environment safe and secure to allow for the use of digital tools that enhance learning?
Continuous Improvement/Formative Practice

- Sharing Best Practices around Formative Assessment
- Shifting from retrospective, accountability-based approach to data analysis with a more formative focus
Managing Data vs. Leading with Data
### Managing Data vs. Leading with Data

<table>
<thead>
<tr>
<th>Managing Data</th>
<th>Leading with Data</th>
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<tbody>
<tr>
<td>Focus on completing collection/tasks/things</td>
<td>Focus on People and using data</td>
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<tr>
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*Leadership*

is about making others better as a result of your presence and making sure that impact lasts in

— Sheryl Sandberg  
COO of Facebook

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Data-Driven Instructional System
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- Data Collection - who, what, when, where, why and how?
- Data Reflection - providing time to look at and analyze data
- Data Translation - using data for program and process change at the district or school level

- Data-Driven Instructional Design - changing instructional practice at the classroom level
- Design Feedback - how are we doing?
- Assessment - review formative and summative assessment data
BrightBytes Modules
21st Century Learning Suite

Plan and measure technology initiatives to drive student learning

**LEARNING OUTCOMES**

How do you evaluate/assess the digital solutions that you invest in?

**TECHNOLOGY & LEARNING**

How do you measure technology initiatives that impact student learning?

**DIGITAL PRIVACY, SAFETY & SECURITY**

Is your digital learning environment safe and secure?
The Early Insights Suite

Identify, Connect & Monitor

- Student Success
- Intervention
Closing

Walk the Talk