



Using Data to Inform Student, Staff and Systems Improvement

Welcome to the first annual Wisconsin Summit on Data Informed Leadership – jointly sponsored by WASDA and AWSA and in collaboration with DPI and the WISE Explore Team. We are pleased you could join your colleagues for two concentrated days of learning about all aspects of data professional educators use to enhance the effectiveness of their daily work with students. Today’s schools are steeped in data of all sorts: data about student behavioral development, learning, response to intervention, teacher and principal effectiveness, and whole system productivity. In order to make the best use of all that data, we all need competencies in understanding why we collect data, the best data sources, the best use for data, the real meaning of the data, and how to structure our organization to ensure the data helps us meet our commitment to continuous improvement.

This Summit is specifically designed to enhance competencies related to data use for improved instruction and student learning. You will be exposed to leading companies providing useful data to improve instructional effectiveness. Be sure to visit the Resource Showcase to explore the many quality resources available to support your work. You will hear from dozens of district leaders across Wisconsin sharing their experiences with data sources, analytic processes, and organizational practices that have resulted in demonstrated increases in student learning. Nearly 40 sessions are available to meet the development needs of your district.

Importantly, you will have designated team learning time to work collaboratively with your district colleagues in evaluating your districts status in the use of data for instructional improvement. Sessions will provide you with the insights to develop strategies for implementation of effective practices in your own district.

We hope you find the session of value to you in your role. We look forward to continuing the Summit in order to provide meaningful support to district leaders in all roles they serve in schools across Wisconsin.

Sincerely,

A handwritten signature in black ink that reads "Jon R. Bales".

Jon R Bales
Executive Director
WASDA

Pre-conference Workshops

Tuesday, March 1:

8:00 a.m. Registration – *Grand Foyer D*

9:30 a.m. - Pre-Conference Workshops

11:30 a.m.

1. Self-Assessment of Data-Informed Leadership – *Grand B*

Designed for school, district or teacher leadership teams, this pre-conference session is designed to engage participants in a hands-on collaborative self-assessment exploring the role of data in their system. The purpose of this self-assessment is for teams to gauge the level of data-informed leadership within their school or district culture. According to the [Data Quality Campaign](#), data-literate educators continuously, effectively and ethically access, interpret, act on, and communicate multiple types of data from state, local, classroom, and other sources to improve outcomes for students in a manner appropriate to educators' professional roles and responsibilities. To fulfill this vision, educators must demonstrate six elements of data leadership:

- adopt an inquiry mindset,
- specify clear intended outcomes,
- identify and examine relevant data sources,
- provide appropriate feedback with data,
- manage data effectively, and
- demonstrate data literacy.

The “Self-Assessment of Data-Informed Leadership” will provide time for teams to evaluate their current realities around these six elements within their school or district. Designed and led by WISExplore facilitators, teams will collaboratively engage in the self-assessment and be provided the opportunity to be interactive, conversational, and reflective. Based on their self-assessment findings, teams will designate areas to target for improvement, resulting in an action plan focused on data-informed leadership. Suggested lists or resources to bring:

- lists of student assessments and lists of surveys currently being administered
- information about data warehouses or other tools being used to manage data
- data use standards and/or policies
- technology with access to the internet

Presenters: WISExplore Team Members Judy Sargent and Mary Ann Hudziak

2. Leveraging Data Sources for School Improvement – *Grand A*

What are the critical areas for data inquiry in a school or district? Do we have access to the right data to help us optimally serve our students? Are we maximizing our use of state longitudinal data systems? In this active pre-conference session, school, district and teacher leadership teams will engage in a facilitated process to explore their most critical areas for data inquiry. Insight from this exploration will guide teams through an analysis of current data sources available to educators in their systems. Guided by a meaningful process of data inquiry, teams will reflect about their data sources in these dimensions:

- Is this data that we need to help us improve student outcomes?
- To what degree is it valid for our purpose?
- To what degree can we get at the data easily?
- Who can access the data?
- To what degree do we understand the data?
- To what degree is the data timely and useful to inform decisions?
- To what degree do we know how to use the data?

Teams will explore available state data sources and learn how they might leverage state data with their local data to better inform improvement actions.

Outcomes from this session include:

- Determination of local data needs
- Analysis of data sources
- Development of skills in using state data sources
- Action plan to improve their collection, access and use of data sources

Suggested lists or resources to bring:

- student assessments currently being administered
- surveys currently being administered
- access codes to local and state data sources
- laptop computers
- LCD projectors

Presenters: WISExplore Team Members Jim Lee and Kelly Ryder

11:30 a.m. Lunch on your own. *(At the Hyatt or offsite)*

**THANK YOU TO TUESDAY
EVENING'S RECEPTION
SPONSORS!**

Grand Lobby

4:15 – 5:30 p.m.

CURRICULUM ASSOCIATES - Gold

RENAISSANCE LEARNING – Silver

FORECAST 5 - Bronze

11:45 – Resource Showcase

1:00 p.m. As a part of the Summit on Data Informed Leadership, we are pleased to be able to assemble a number of leading edge companies and entities focused on providing effective sources of data, quality analytics and meaningful interpretations of metrics that can inform decisions in classroom instruction and teacher practice. The business Showcase provides Summit attendees an opportunity to quickly and efficiently access these products – all of which have demonstrated the power to greatly enhance student learning in WI districts. Each business will be accompanied by educators in a WI District to explain how they utilize a particular product in their District along with the practical benefits and value they observe. Eleven companies will be presenting in rooms throughout the Conference Center from 11:45 to 1 p.m. Participants are encouraged to move throughout the rooms based upon their interests to learn about advances in data use for improved instructional outcomes. **Each company will also maintain an information center display throughout the Summit in the Grand Lobby.**

Participating companies can be found in the following locations:

- **Grand A - Alpine Achievement** – www.alpineachievement.com
- **Grand B - Atomic Learning** – www.atomiclearning.com
- **Grand C - Curriculum Associates** – www.curriculumassociates.com
- **Grand F - eduClimber** – www.educlimber.com
- **Grand G - Forecast5** – www.forecast5analytics.com
- **Grand H - Infinite Campus** – www.infinitecampus.com
- **Riverview 1- Ion Software Group LLC** – www.ion-k12.com
- **Riverview 2 - Mastery Connect** – www.masteryconnect.com
- **Riverview 3 - NWEA** – www.nwea.org
- **Ballroom A1 - Renaissance Learning** – www.renaissance.com
- **Ballroom A2 - WISE Local** – <https://wisedashlocal.org>

1:15 p.m. General Session – Grand Ballroom D

Welcome

*Dr. Jon Bales, Executive Director, Wisconsin Association of School District Administrators
Michael Thompson, Deputy State Superintendent, Wisconsin Dept. of Public Instruction*

1:30 p.m. General Session - Quality Data Systems That Serve Students and Staff



Steve Vessey, Superintendent of the Beaver Dam School District will provide insight as to how data informed leadership impacts collaboration, inquiry and student achievement. Through creating and owning a strategic plan focused on high expectations, teaching and learning is monitored and developed through collaborative efforts. Steve will engage participants in further understanding the capacity building needed in classrooms, schools and a district.

Presenter: Steve Vessey, Supt., Beaver Dam

3:00 p.m. Break

3:15 p.m. 10 Breakout Sessions featuring the following strands:

Data Information Sources	System & Structures to Make it Work	Capacity, Competencies & Literacy Around the Data	Process to Implement Change
<i>State Data Sources</i>	<i>Data Management</i>	<i>Data Use Standards (SLDS)</i>	<i>Student Data Inquiry Process</i>
<i>Local Data Sources</i>	<i>Data Access, Security & Confidentiality</i>	<i>Assessment & Data Literacy</i>	<i>Connecting Data Inquiry Across Initiatives</i>
<i>Practices Data Sources & Strategies</i>	<i>Data Team Cycle</i>	<i>Using Data to Inform Classroom Practice</i>	<i>Practices Data Inquiry Process</i>

**1. Using Early Warning Systems in a Culturally Responsive Multi-Level System of Support
Grand A**

A crucial part of universal screening for middle and high schools is efficiently and effectively analyzing readily available data, generally through databases known as early warning systems. These local databases should be closely connected to the Dropout Early Warning System available via WISEdash. Early warning systems have become such crucial tools in closing opportunity and achievement gaps that the White House initiative, My Brother's Keeper, recommends the use at all middle and high schools across the United States. This session will help schools disaggregate data to identify disproportionality within early warning system or any universal screening data. New data analysis tools and measures like this are essential in a culturally responsive multi-level system of support.

Presenter: *Jill Koenitzer, Technical Assistance Coordinator, Wisconsin RTI Center*

2. Making It Work! – Grand B

As a principal or school leader, learn how to move from your school-wide data to a plan for improvement and growth. This session will focus on looking at data from a whole school perspective and using some relatively simple strategies to grow and improve student learning through accountability, collaboration, and a team approach. You will walk away from this session with a few easy to implement strategies that will keep you focused and help you to achieve school-wide improvement.

Presenters: *Kathy Lehman, Principal, Lincoln Elementary School, and Steve Vessey, Supt., Beaver Dam*

3. Building Capacity for Change – Grand C

Participants will learn how change theory and implementation science affects the roll out and implementation of initiatives. Strategies for helping move staff from one stage to the next will be explored.

Presenters: *Wendy Rowley, Executive Director of Accountability, and Janell Decker, Assistant Director of Curriculum and Instruction, Racine*

4. Using Data to Drive Student Learning - Grand F

Participants will have an opportunity to learn how the Mishicot School District has used data to drive their systematic approach within Professional Learning Communities and Response to Intervention structures to improve student learning across all grade levels.

Presenters: *Thomas Ellenbecker, High School Principal/Director of Instruction; Tracy Bauer, High School English Teacher; Brian Hammar, Middle School Math Teacher; and Karen Weidner, Elementary Teacher, Mishicot*

5. Data Into Action - A System's Approach – Grand G

Are you seeking a systematic, well-aligned and clear process through which to meaningfully use data? For years, we were, too. In this session, we will share the framework, tools and practices we use to integrate a data process that cascades from our system leadership, to our instructional coaches, to our classroom teachers. Our data practices align with our strategic plan and were inspired by Daniel R. Venables' book "How Teachers Can Turn Data Into Action" (ASCD, 2014).

Presenters: *Kelly Thompson, Superintendent; Jennifer Gennerman, Data and Instructional Specialist; and Ted Gennerman, Assessment and Student Services, Muskego-Norway*

6. Looking at Engagement Data – Grand H

Use WISEdash, local data, and some more unique data sources to measure engagement in your school or district. Learn some ways to look at engagement data from different lenses to monitor your progress or determine needs.

Presenters: *Lori Rugotska, Coordinator, Learning and Assessment Center, and Mary Ann Hudziak, Coordinator, Instructional Services, CESA #6*

7. "Why Data?" to "What Would We Do Without Data?" – Riverview 1

Come see how one school district went from "Why Data" to "What would we do without data?" Johnson Creek School District is meeting all students at their academic readiness level and pushing them to the next academic readiness level through the use of data! The Johnson Creek School District meaningfully integrates universal screening data, state standards, Depth of Knowledge assessments, technology, workshop model, multi-age academic readiness groups for Mathematics and Literacy, Student Proficiency Profiles and Learning continuums to create a personalized approach for students at any readiness level.

Presenters: *Lisa Krohn, Director of Teaching and Learning; Sam Hett, Math/SEA Focus Teacher 2-5; and Lauren Zellmer, Historical Literacy 6-8 Teacher, Johnson Creek*

8. WISEdash Local: Making Informed Decisions Through Collaborative Infrastructure Riverview 2

In this session, we will showcase the WISEdash Local Data Warehouse Consortium as well as the infrastructure upon which it is built. We will review case studies that highlight how the WISEdash Local is helping Wisconsin educators use data to inform key decisions. This presentation will be jointly hosted by WISEdash Local and Versifit Technologies.

Presenters: *Michael Mades, Director of Technology, Sun Prairie Area School District, Dr. Jeff Watson, Versifit Technologies, and Kevin Benson, Versifit Technologies*

9. Data is Just the Beginning: An Overview of the eduCLIMBER Data Management System Riverview 3

Attendees will learn how eduCLIMBER can help them better manage, monitor and work with their academic and behavioral data points.

Presenter: *Kristin Rockwell, External PBIS Coach, Baraboo School District*

10. Leading Students and Your Community With Proven Outcomes - You Have the Power to Put All Your Data to Work With One Simple Tool – *Ballroom A1*

Did your proficiency scores rise or fall this year? If you're like many of the Wisconsin schools, you've witnessed an increase in scores over the past several years. But did you know why? Seldom is it by chance; what we know is it's the result of a concerted effort by an entire staff. But understanding why your test scores are rising or falling can have exponential impact on success. In this unique session, Avastone's Data Analytics Specialist Jason Timm will showcase a live demonstration for how districts can leverage a next generation Intelligence Engine to easily capture, analyze and present student achievement data. If you're a teacher, principal or district administrator, learn how the impact for turning information into an asset for driving better decision making can massively improve the effectiveness of critical district resources.

Presenters: *Greg Huza, Vice President of Business Development, and Jason Timm, Data Solutions Manager, Heartland Business Systems*

4:15 p.m. Team Time Reception – Grand Foyer
Co-sponsored by Curriculum Associates, Renaissance Learning and Forecast5

5:30 p.m. Adjourn for the day

Wednesday, March 2:

7:00 a.m. Continental Breakfast – Grand Foyer D

8:00 a.m. General Session – Grand Ballroom D
Data Informed Leadership: Creating Cultures of Success Through Data Driven Dialogue



Developing high standards and accountability for student success requires capacities for collaborative problem solving and planning with data. Improper data use can mislead groups, trigger denial or stimulate resistance to change. Through thoughtful inquiry in a supportive environment, adult groups build webs of commitment to action for school improvement.

Bruce Wellman, co-author of *Data Driven Dialogue: A Facilitator's Guide to Collaborative Inquiry*, will inspire participants to think about the learning-focused conversations happening in a school and district and their impact on achievement.

9:15 a.m. Break

9:30 a.m. 10 Breakout Sessions featuring the following strands:

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**1. Situating Your Data Within Cycles of Inquiry, Linking These Cycles to Phases of Change
Grand A**

Although virtually everyone is “using data” to make decisions, a fewer number are currently situating their data within cycles of inquiry so that local improvement efforts are focused on meeting the right problems for the school -- ones most likely to render both immediate and long-term impact on student learning. This session will share approaches for using data in deeper ways for diagnosing and delivering on the greatest needs of your classroom, school, and/or district. In addition, this session will show how you can connect cycles of inquiry with what the field knows about phases of the change process. You will leave the session with better means for assessing the current state of your own school / district and for identifying next steps of local leadership action.

Presenter: *Joe Schroeder, Ph.D., Associate Executive Director, AWSA*

2. Developing and Implementing Responsive Resources to Empower, Encourage, and Monitor Sustainable and Systematic Change – Ballroom A2

The School District of Greenfield has committed to systemic change that has redefined the district culture, provided a clear sense of focus, and set up systems to re-imagine teaching and learning in each classroom. Multiple collaborative teams throughout the District have contributed to the development of measurement tools and rubrics used to determine a baseline, develop actionable growth plans and goals, and to provide specific evidence of that growth. The presenters will take participants on the journey of development and share the tools created to support sustainable changes at all levels of their organization.

Presenters: *Lisa Elliott, Superintendent; Patrice Ball, Director of Curriculum, Assessment and Instruction 6-12; and Charity Meyer, Director of Curriculum, Assessment and Instruction, 4K-5, Greenfield*

3. Using Data to Make PBIS Decisions at the District and Building Level – Grand C

Although looking at disaggregated data can be difficult, great results can come from solution-oriented meetings. This session will focus on using precision-problem statements tied to data to improve systems and student success. Areas of focus will include using a data system to make decisions at both the building and district levels, manipulating data to plan for Tier 1, creating Tier 2 behavior interventions, and disaggregating data to best utilize the PLC process. This session will be a secondary focus including both the middle and high school levels.

Presenters: *Jennifer Lohr, PBIS External Coach, Math Teacher, and Kristin Rockwell, PBIS External Coach, Academic Seminar Teacher, Baraboo*

4. Let Them See: Data Visualization Strategies for School Leaders – Grand F

A key component of data-driven leadership is translating data into a form that is intuitively understood yet information rich. This presentation will help leaders understand the key components of dynamic data presentation and how to avoid common mistakes.

Presenters: Peter Goff, Assistant Professor, UW-Madison

5. High School/College-Career Data in WISEdash for Districts – Grand G

In this session, learn about new and existing sources of state-collected data that inform college and career readiness. Watch, learn and then practice through demonstrations and hands-on activities with your own access to WISEdash for Districts. Demonstrations will include selected dashboards (from among *ACT, AP, Aspire, WKCE, Postsecondary Enrollment, High School Completion* dashboards) pertinent to investigating College and Career Ready student data. Bring your laptop and access passcodes to WISEdash for Districts.

Presenters: Jim Lee, WISExplore Team, and Kelly Ryder, WISExplore Team, CESA #12

6. Utilizing Data to Drive Personalized Learning Practices – Riverview 1

Are you looking for new ways to approach and use data to drive instruction? As administrators, are you looking for ways to encourage teachers to own their data and use it in their practice? In a time of constant change, schools are required to use data in new and creative ways in order to meet the diverse needs of students. Come join the Swanson discussion! Learn how we use data at the building level, the grade level, and the classroom level to drive personalized learning practices. We will share different data collection tools that we have found successful, unique assessment approaches, and ways we implement grade-level interventions via our “Learning Lab” model. (For proposal review only: Our plan is to explain how we analyze and use data to implement and monitor personalized learning practices at the building level. We will then move on to explain how grade levels can utilize data for intervention purposes via our Learning Lab model, and finally we will discuss how individual classroom teachers examine their data to implement and monitor personalized learning practices. We will address how we use MAP data, as well as pre/post assessments at the grade level and classroom level. We will share how we log and track our data using the ASW process within our PLC frameworks.)

Presenters: Kate Sommerville, 4th Grade Teacher, and Angela Patterson, 4th Grade Teacher, Elmbrook

7. Elementary Data in WISEdash for Districts – Grand H

In this session, learn about about new and existing sources of state-collected data that inform student achievement in grades 4K-5. Watch, learn and then practice through demonstrations and hands-on activities with your own access to WISEdash for Districts. Demonstrations will include selected dashboards (from among *Badger, PALS, WKCE, MAPS, Attendance, Enrollment*, dashboards) pertinent to investigating academic achievement gaps. Bring your laptop and access passcodes to WISEdash for Districts.

Presenters: Mary Ann Hudziak, WISExplore Team, CESA #6, and Judy Sargent, WISExplore Team, CESA #7

8. Continuous Improvement Mindset - Using Continuous Improvement Strategies and Tools to Change Culture – Riverview 2

This session will focus on the principles of improvement that are used to guide the learning systems in the West Bend School District. Processes, tools, strategies, and visuals will be discussed as well as a review of the six year journey and the learning's from implementing a culture of continuous improvement.

Presenter: Ted Neitzke, Superintendent, West Bend

9. **Zooming In and Zooming Out of Your Data: Using Alpine Achievement to Understand the Story Your Data Are Trying To Tell – Riverview 3**

Data, data, and more data! Whether we are “zooming out” to make decisions at the district or school level or “zooming in” to make critical decisions at the subgroup, subscore, and student levels, using the right assessments and understanding what those assessment results are trying to tell us is key. This interactive session will explore the following key questions:

- What do different audiences within your district need to know from data?
- What key questions does each assessment and measure answer and not answer?
- How do the way data are displayed impact meaning?

Participants will learn a data interpretation protocol, and will have an opportunity to explore how the Alpine tool supports “zooming in” (by looking at individual student portfolios, subscores, subgroups, student-level graphs, progress monitoring and intervention tracking, student plans) and “zooming out” (summary reports, dashboards, multiple measures rosters).

Presenters: Jaime Bailey, Alpine Achievement Systems, and Kirstin Rose, Director of Technology and Assessment, Cedarburg

10. **Using Ion Software to Support a Systems Approach to RtI – Ballroom A1**

In 2015, the Hamilton School District chose ion as the software platform to support and monitor its district-wide Multiple Tiered Systems of Support (MTSS) approach. Using ion's intuitive data wall technology and innovative Skills-First™ approach to intervention monitoring, Hamilton has streamlined its process of student needs identification and has unified its collection and reporting of intervention data in one system. This session will explore how Hamilton uses ion at the district and building levels to inform classroom instruction, monitor student progress, and strengthen a systems approach to RtI.

Presenters: Katie Little, Supervisor of Instructional Services, and Nicole O'Connor, Teacher, Templeton Middle School, Hamilton, and Kyle Holder, President, Ion Software Group, LLC

11. **Data-Driven Dialogue - Practical Strategies for Collaborative Inquiry – Grand B**

This interactive session explores and applies a three-phase model that supports productive collaborative inquiry. Participants will investigate strategies and structures that reduce defensiveness and create shared responsibility for student learning. We will hone practical tools for discovering assumptions, promoting data-focused inquiry and developing shared understandings of both problems and possible solutions. These understandings become the foundation for dynamical planning processes.

Presenter: Bruce Wellman, co-author of Data Driven Dialogue: A Facilitator's Guide to Collaborative Inquiry

10:30 a.m. Break

10:45 a.m. TEAM PLANNING – Grand A, B, C, F, G, or H, or Riverview 1, 2 or 3

School/District teams will be provided two times during the conference to share, debrief and integrate the learning from the sessions with one another and into their work with students.

11:30 a.m. Lunch – Grand Ballroom D

12:45 p.m. 10 Breakout Sessions featuring the following strands:

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1. Deepening Student Impact Via Instructional Practice Data – Grand A

Upon reflection, most schools describe themselves as "Data Rich and Information Poor." Specifically, while most schools have an abundance of student learning data to review, most have little to no instructional practice data available -- yet improved instruction is the greatest means to enhanced student learning! In this session, we will explore the concept and utility of instructional practice data. You will leave the session understanding how the use of instructional practice data can help your school/district avoid some very common patterns for breakdown in the improvement process:

- 1) Inaccurate Problem Identification
- 2) Too Many Improvement Strategies
- 3) Underestimating Support Needed to Impact Practice
- 4) Inadequate Implementation Planning

Presenter: *Joe Schroeder, Ph.D., Associate Executive Director, AWSA*

2 Utilizing Data in Continuous Improvement – Riverview 2

The School District of Menomonee Falls utilizes data from a myriad of sources in making instructional decisions. Data about students’ attendance, behavior, assessments, as well as anecdotal evidence from counselors/teachers is analyzed and used in order to determine continuous improvement needs and areas of focus. In analyzing data, two lenses are used. Leadership, goal and strategy teams first identify areas in need of improvement and then determine areas of merit/quality/success/ accomplishment that deserve to be highlighted and duplicated throughout the system. Utilizing data in this systematic approach to leadership allows us to keep all indicators of improvement pointing in the same direction.

Presenters: *Lynn Grimm, Principal, North Middle School; Scott Marty, Associate Principal, North Middle School; and Tami Jaeck, Literacy Coach, North Middle School, Menomonee Falls*

3. Using Literacy Data to Inform Instruction at the Secondary Level – Grand C

Presenters will highlight their use of district, state, and classroom data to inform instruction, design and implement targeted literacy interventions for middle and high school students, and ensure a smooth transition from middle to high school.

Presenters: *Maggie Schumacher, Secondary Literacy Coach, Middle School, and Jacalyn Amant, Secondary Literacy Coach, High School, Baraboo*

4. Using a Tiered Data Teaming Process to Support Continuous Improvement – Grand B

The Pewaukee School District moved away from data teaming as an annual exercise to an ongoing process supporting continuous improvement through the use of a tiered data team structure. This session will share the design of the model which includes district, building and instructional data teams which serve specific roles that have helped the district analyze and respond to data more efficiently and effectively.

Presenters: Mike Cady, Chief Academic Officer, and Candice Bentley, Data & Assessment Specialist, Pewaukee

5. Teachers at the Forefront: A Comprehensive, Systematic Process for Creating and Sustaining a District-Wide Culture of Learning – Grand F

The benefits of PLCs and collaboration around student data are indisputable and supported by vast research, but how, exactly, is an effective learning culture established among teachers, principals, and district leaders? This presentation describes the systemic processes, practices, and roles of organizational members in order to establish, analyze, and sustain a culture of learning- the foundation upon which effective change, efficacy, and continuous growth are built. The presentation includes survey tools, models, and anecdotal information and support for leaders to assess current PLCs and/or collaborative activities as well as to develop processes to improve and sustain an effective culture of learning among the organization's members. (Hipp & Huffmann, 2010, and Brazouski, 2015)

Presenter: Anthony Brazouski, Executive Director of Academic Achievement, Whitnall

6. Data Inquiry Journal in WISEdash for Districts – Grand H

WISEdash provides for multiple data sources with robust drill-down capability. The data graphics are powerful and are terrific aids in data analysis and interpretation. To make the most effective use of WISEdash, it is recommended that collaborative teams follow an intentional focused process of inquiry: 1) pose an important question, 2) investigate data to answer the question, 3) clarify findings and 4) form hypotheses of practice and possible next step actions. These important steps in the inquiry process lead to and provide the foundations for the school improvement plan. In this session, learn about the data inquiry process and how utilizing the Data Inquiry Journal tool will aid in efficient and effective inquiry. Bring your laptop and access passcodes to WISEdash for Districts and practice with the WISEdash Data Inquiry Journal.

Presenters: Judy Sargent, WISExplore Team, CESA #7, and Jim Lee, WISExplore Team, CESA #12

7. Data Based Decision Making with CBM Data – Riverview 1

Since the adoption of the Wisconsin SLD rule, districts have become more familiar with curriculum based measurement (CBM). Although a necessary component to the SLD evaluation, curriculum based measures can be a powerful formative assessment tool. CBM provides an efficient and effective method to evaluate if instruction and intervention is beneficial to students or if changes are needed. Participants will learn how integrate CBM data into their existing data based decision making frameworks.

Presenter: Chris Birr, MTSS/RTI Coordinator, Elmbrook

8. Ensuring Excellence...Through a System of School-Wide Data Collection – Riverview 3

'Ensuring Excellence' is one of five strategic focus points in for all instructional leaders within the School District of Waukesha. This focus point has proven the most effective in terms of guiding leadership action, developing instructional practice, and embedding a common vision across schools. In this session, participants will have a chance to understand the guiding framework, see practical examples, and discuss leadership 'entry points' for establishing a similar process.

Presenter: *Ryan Krohn, Assistant Superintendent, Waukesha*

9. Middle School Data in WISEdash for Districts – Grand G

In this session, learn about about new and existing sources of state-collected data that inform student achievement in middle grades. Watch, learn and then practice through demonstrations and hands-on activities with your own access to WISEdash for Districts. Demonstrations will include selected dashboards (from among *Badger, WKCE, MAPS, Attendance, Enrollment*, dashboards) as well as DEWS data pertinent to investigating middle school achievement gaps. Bring your laptop and access passcodes to WISEdash for Districts.

Presenters: *Mary Ann Hudziak, WISExplore Team, CESA #6, & Kelly Ryder, WISExplore Team, CESA #12*

10. Transitioning to an Actionable Data Culture – Ballroom A1

In an educational landscape where schools are being asked to do more with less, now is the time to invest in our schools' most valuable resource: teachers. Come learn how innovative districts across the country are engaging their teachers in the formative assessment process, using standards-based assessment data to enhance their PLCs, and leveraging the resources within their districts to build equity and maximize school improvement

Presenters: *Chris Hansen, Curriculum Director, Hortonville School District and Matt Ball, Business Development Manager, Mastery Connect*

1:45 p.m. Break

2:00 p.m. 10 Breakout Sessions featuring the following strands:

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1. Teacher Leaders and Data Analysis for PBIS/Educator Effectiveness – Grand A

Sun Prairie High School's PBIS Data Team led by teachers will share how we increase teacher capacity through analysis of attendance, behavior, and assessment data. In addition, we will highlight how WISEdash Local can drive our school wide and classroom initiatives and support educator effectiveness.

Presenters: *Melissa Paynter, Math Teacher; Lauren Page, Math Teacher; and James Ertel, Social Studies Teacher, Sun Prairie; and Diane Doersch, CIO, Green Bay and WISEdash Local Operations Board Member*

2. What Works and What Doesn't: Using Statistical Techniques to Evaluate the Impact of Classroom Interventions – Grand B

This interactive session discusses the key elements of classroom-based action research and provides a roadmap for moving to evidence-based teaching practice. The role of the school leader in the support and critical analysis of classroom-based action research will also be presented. Examples will be explored using free software tools available to apply statistical techniques to classroom data. The interpretation of the resulting evidence and translation into practice will be emphasized.

Presenter: *Kathy Faggiani, Professor, Milwaukee School of Engineering*

3. Monitoring and Improving School Systems Using Qualtrics – Grand C

This session will use the Five Essential Supports for School Improvement Framework and the Safe and Supportive School Model to guide our discussion on the monitoring of climate and instruction at Hamilton High School, the largest school in the Milwaukee Public School district. We will review one Implementation Driver category—Organization Driver, Decision Support Data Systems, to show our data collection and monitoring process. Attendees will see multiple examples of online data collection tools that were created using the Qualtrics program—Hamilton's Reading and Writing Plan data collection tool (aligned to the ACT test), Behavior Intervention Team Check-in/Check-out online form, In-School Attendance Reporting System, Weekly Common Planning Time online report, and more.

Presenters: *Rosana Mateo, PhD, Principal, and Regina Navejar, School Improvement Implementer, Hamilton High School, Milwaukee*

4. Understanding Aspire Data for Informed Decision Making- Grand F

This session will dig deep into the ACT Aspire Assessment. Participants will learn about the five different assessments, including the make-up of English, Math, Reading, Science and Writing. They will also explore the data and see how Wisconsin uses the WISEdash tool to present it. Participants will receive coaching on what to look for in the data and how administrators and teachers can use it to inform instruction.

Presenter: *Eric Larsen, Assessment Coordinator, School Districts of Menasha, New London and Winneconne*

5. DEWS Data in WISEdash for Districts – Grand G

How do we utilize early warning data effectively? This session will provide particular attention on effective use of DEWS data (Dropout Early Warning System) found in WISEdash for Districts. Learn about the purpose for DEWS data, the four domains of information provided, what the outcomes and scores mean, how to find the data and follow a recommended process for reviewing DEWS data. Bring your laptop and access passcodes to WISEdash for Districts and participate in learning about DEWS.

Presenters: *Mary Ann Hudziak, WISExplore Team, CESA #6, and Jim Lee, WISExplore Team, CESA #12*

6. Student Cohort Investigations in WISEdash for Districts – Grand H

In this session, participants will learn how to use the WISEdash Cohort tool to investigate data for identified groups of students. Learn about several scenarios when cohorting can be a useful tool for teacher teams and leadership teams. This cohorting tool provides avenues for targeted inquiry allowing users to study the data for a group of students found in various dashboards within WISEdash. Bring your laptop and access passcodes to WISEdash for Districts to learn how to conduct student cohort investigations.

Presenters: *Kelly Ryder, WISExplore Team, CESA #12, and Judy Sargent, WISExplore Team, CESA #7*

7. DPI WISE Update and Feedback Session – Riverview 1

The DPI team will provide an update on the WISE suite of tools, with a special focus on WISEdata and WISEdash. This school year marks the last year for many data collections including Coursework Collection (CWCS), as we transition to the new WISEdata method. This approach will save districts time by eliminating file uploads and downloads. We will also spend time listening during the session, asking for feedback on what DPI can do with data and information systems – and technology, more generally – to save time and add value for districts

Presenters: *Sean Cottrell, Data Governance Coordinator, and Jim Anderson, Division for Libraries and Technology, DPI*

8. Using MAP and VCG Data to Interpret Educational Programs and Teacher Practice Riverview 2

Are you looking to take your MAP data to the next level? Did you know that NWEA offers custom reports that allows districts to take their data analysis beyond the national comparison? In this session, participants will learn about Virtual Comparison Groups and how districts can compare their students to other student groups with the same key demographic characteristics. Come learn how the Hartland-Lakeside School District is using MAP and VCG reports to better communicate with parents and the school board about student growth and achievement. Dr. Glenn Schilling, Superintendent and Scott Temperly, Network Manager will also explain how their MAP data and custom reports have helped them examine not only their data, but instruction and assessment practices and how they have used this understanding to identify strengths and weaknesses in educational programs for action planning. They will demonstrate how to raise the level of teacher and program expectations.

Presenters: *Dr. Glenn Schilling, Superintendent, and Scott Temperly, Director of Technology, Hartland-Lakeside*

9. STAR Assessment Tools with a Strategic Implementation Plan – Riverview 3

Renaissance Learning is partnering with the Muskego Norway School District to provide an overview of the STAR Assessment tool as well as an example of a strategic implementation approach. Renaissance learning assessments include STAR Early Literacy, STAR Reading and STAR Math. STAR Assessments provide industry leading reliability and validity and can be effectively used for universal screening and progress monitoring. Additionally, STAR offers a robust selection of tools and reports to facilitate teacher use of data. MNS, in partnership with Renaissance, developed a highly successful implementation plan to facilitate meaningful teacher understanding and confidence with all aspects of the STAR assessment. The implementation plan highlighted in our presentation will provide a detailed and replicable process which can be tailored to meet the unique needs of your district.

Presenters: *Ted Gennerman, Director of Assessment & Student Services, and Jennifer Gennerman, Data & Instruction Specialist, Muskego-Norway and Ellen Kaye, Renaissance Learning*

10. Assess Less. Know More. Inform Instruction! – Ballroom A1

Built for the Common Core, i-Ready combines a valid and reliable growth measure and individualized instruction in a single online solution that saves teachers time. i-Ready assessments deliver powerfully simple reports, they're easy to read and understand, and designed to deliver useful, actionable information that impacts instructional decisions. So come learn why i-Ready Diagnostic & Instruction is proven to work.

Presenter: *Joel Burdick, Account Executive and Dan Henderson, Regional Manager, Curriculum Associates*

3:00 p.m. Break

3:15 p.m. **TEAM PLANNING** – *Grand A, B, C, F, G, or H, or Riverview 1, 2 or 3*
School/District teams will be provided two times during the conference to share, debrief and integrate the learning from the sessions with one another and into their work with students.

4:00 p.m. Summit Adjourns

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