



# Data Analysis and Use

Scale-up and capacity data to support implementation of MTSS

2021-2022

[mimtsstac.org](http://mimtsstac.org)



# Group Expectations

## Be Responsible

- Attend to the “Come back together” signal
- Active participation...Please ask questions

## Be Respectful

- Please allow others to listen
  - Please turn off cell phones
  - Please limit sidebar conversations
- Share “air time”
- Please refrain from email and internet browsing

## Be Safe

- Take care of your own needs

# Group Expectations - Virtual

## Be Responsible

- Return from breaks on time
- Active Participation
  - Use participant features of raise hand, thumbs up, etc.
  - Type short answer or questions in chat box
  - Respond to poll questions, if provided

## Be Respectful

- Limit use of chat box to essential communication
- Please refrain from email and internet browsing
- Place your phone and other devices on mute and out-of-sight

# Training Effectiveness

- At the end of the session you will be asked to provide feedback on today's training
- Results will be used to make improvements to professional learning and for reporting to TA Center stakeholders
- Trainers will provide a preview of the survey and provide you with the link at the end of this session

# Diversity and Equity

- One of the feedback questions you will see for all of our professional learning sessions is:
  - The session promoted and positively portrayed diversity among educators and learners (strongly agree, agree, unsure, disagree, strongly disagree, optional comments)
- We are collecting baseline data to inform improvements to our MTSS professional learning to promote equity and inclusion

# Team Roles

- Facilitator: lead discussions and activities to keep the team moving forward
- Recorder: keep written documentation of key discussion points, decisions, and next steps
- Time Keeper: keep track of time and bring the team back together



# Purpose

This session guides District Implementation Teams in establishing processes for collecting and using data during monthly team meetings to inform implementation supports.

# Intended Outcomes

- Identify and explain the purpose of the different types of data used by the District Implementation Team to inform implementation supports
- Explain the process and timelines for the collection and use of scale-up and capacity data
- Make decisions to support the collection and use of scale-up and capacity data during monthly meetings



# Agenda

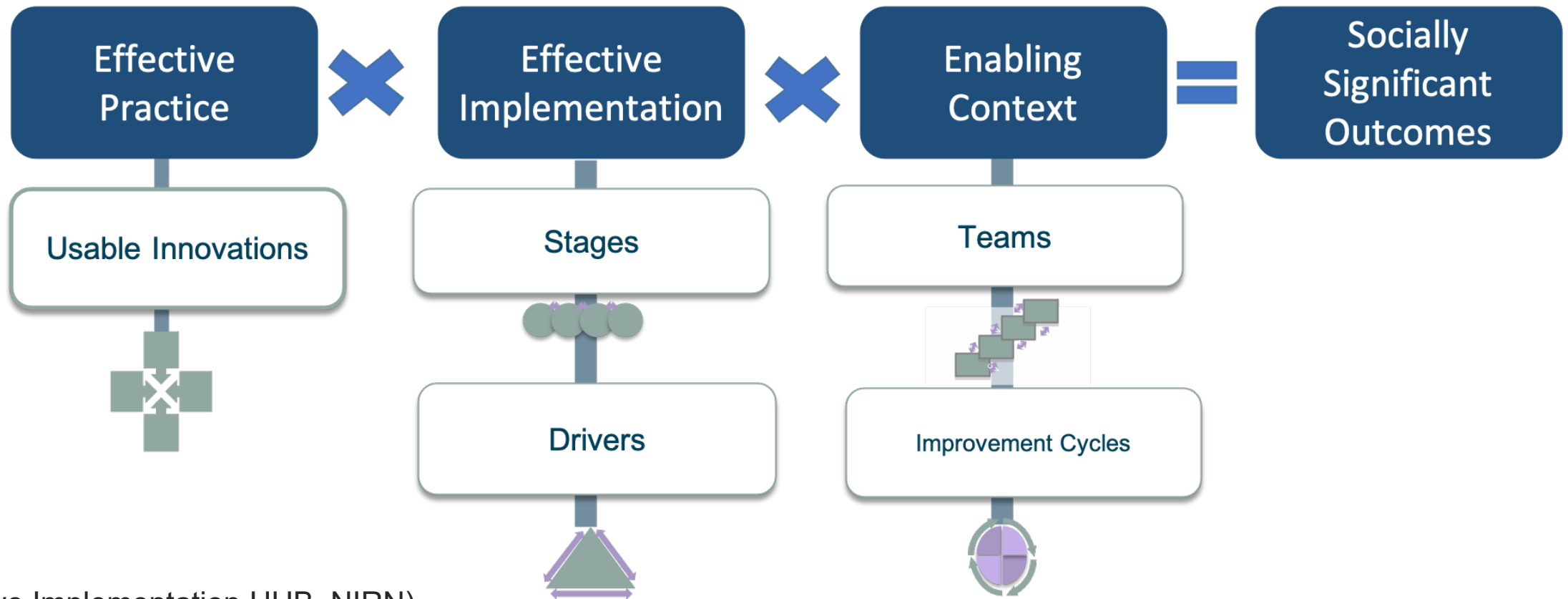
- 1.0 Interactive Review
- 2.0 Installation Checklists and DCA
- 3.0 Training Effectiveness Data
- 4.0 Communication Effectiveness Data
- 5.0 Next Steps

# Use of Module Learning

- Immediate use:
  - During monthly meetings when the DIT reviews and uses district installation checklist data
  - In February, when school installation checklist and training effectiveness data are available for Tier 1 SWPBIS
- Future use:
  - Over the next year, additional data sources will be collected and used to inform the supports the district provides to schools

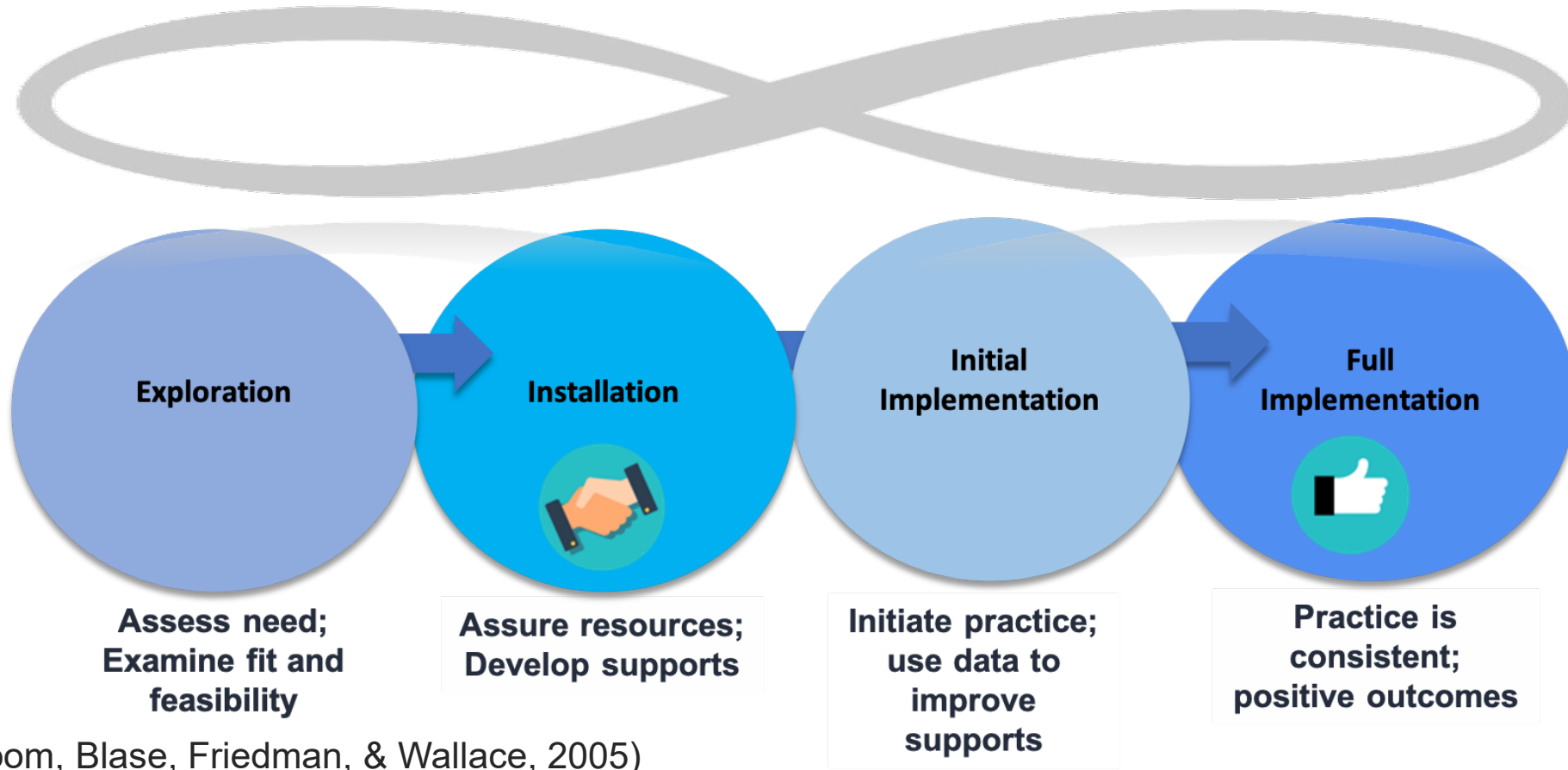
# 1.0 Interactive Review

# Active Implementation Frameworks



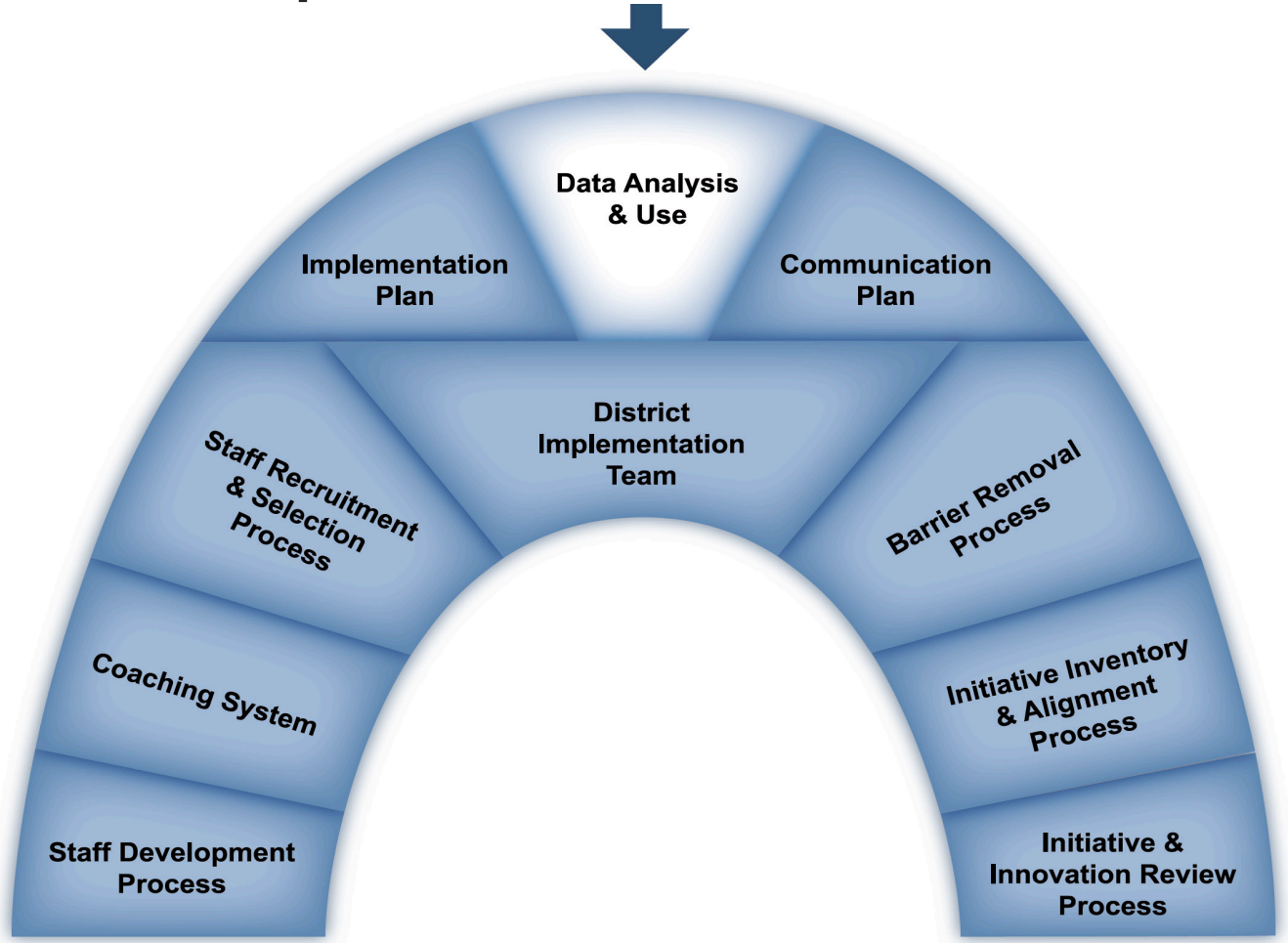
(Active Implementation HUB, NIRN)

# Initial Implementation



(Fixsen, Naoom, Blase, Friedman, & Wallace, 2005)

# District Implementation Infrastructure



# Making Connections

- MDE MTSS Practice Profile Essential Components:
  - Comprehensive Screening and Assessment System
  - Continuous Data-based Decision Making
- District Capacity Assessment
  - Item 14: DIT has access to data for the EI
  - Item 15: DIT actively uses different types of data
  - Item 10: DIT uses communication effectiveness data
  - Item 24: DIT uses training effectiveness data

(MDE MTSS Practice Profile, 2020; District Capacity Assessment, 2019)

# DIT Data Analysis and Use

- The District Implementation Team (DIT) actively uses four different types of data for decision making
  - **Scale-up data** is used to create differentiated plans for schools based on their stage of implementation
  - **Capacity data** is used to enhance leadership, organizational, or competency supports provided to schools
  - **Fidelity data** across schools is used to improve implementation supports (e.g., selection, training, coaching)
  - **Student outcome data** across schools is used to determine the impact the initiative or innovation is having on student outcomes



# Scale-up and Capacity Data

- Initial use focuses on scale-up and capacity data to support immediate problem solving
- Data sources used during monthly meetings include:
  - Installation progress data (e.g., installation checklists)
  - District Capacity Assessment
  - Effectiveness data (e.g., training, coaching, communication)
- At least three times a year, these data are also analyzed as part of a district continuous improvement process



# Activity 1.1

- As a team, discuss the following questions in response to the recorded module you viewed as part of your pre-work
  - Which data sources do you think will be the most helpful for keeping the MTSS work moving forward?
  - What questions do you have about the data sources (or use of data sources)?

## 2.0 Installation Checklists and DCA

# MiMTSS Installation Checklists

- Installation checklists are one type of installation progress data
- At the district level, installation activities are linked to the components of a district implementation infrastructure to support MTSS
- At the school level, installation activities are linked to the core features of the behavior and/or reading components of an MTSS framework
- Teams are responsible for updating installation checklist data in the MiMTSS Data System monthly

# Use of Installation Checklists

- During monthly meetings, the DIT reviews district and school installation checklist data in the installation tab of the MiMTSS Data System
- Coordinator provides a brief summary of installation progress framed around the scale goals within the implementation plan
- Team identifies additional supports and updates activities within the implementation plan

# Use of DCA Data

- Completed by the DIT two times a year (Jan./Feb. and Aug./Sept.)
- Used for on-going action planning during monthly meetings following the completion of the DCA to improve the district's implementation infrastructure
- DIT reviews the capacity tab in the MiMTSS Data System
- Coordinator provides a brief summary of progress framed around the capacity goals within the implementation plan
- Team identifies necessary refinements to components of the district infrastructure and updates activities within the implementation plan



# Activity 2.1

- With a partner, discuss the similarities and differences between installation checklist data and DCA data, including how it is used and when it is collected and reviewed
- Be prepared to share out at least one similarity and one difference



## Activity 2.2

- Access the MTSS Assessment System
- Your Implementation Specialist and Coordinator will provide an overview of each tab and facilitate the team in completing the district items in the installation checklist tab and the DCA section of the district capacity tab



## 3.0 Training Effectiveness Data

# High Quality Training

- Teachers, administrators, and staff need to learn when, how, and with whom to use new skills
- Professional learning sessions (a.k.a. training) should
  - Provide information related to the theory and underlying values of the program or innovation
  - Use training processes grounded in adult learning theory to actively engage participants
  - Introduce components of, and rationales for, key practices
  - Provide opportunities to practice and re-practice new skills and receive feedback in safe and supportive training environments

(NIRN Active Implementation Hub, 2020)

# Selection of Trainers

- Ensure that the individual(s) providing training are highly competent
  - Trainers have deep knowledge in the area(s) that they are providing training
  - Trainers use effective presentation and engagement skills
- Trainers also need to be willing to collect training effectiveness data so that the DIT can use data to inform supports to staff post training



# Activity 3.1

- Compare what you learned on the previous two slides to what you currently do within your district related to training
- Discuss as a team
  - How do you currently select trainings and/or trainers?
  - How is your district's process similar or different from what you learned?
  - Are there any changes that you might make in the future?
  - What would be the benefit of those changes?

# Use of Training Effectiveness Data

- Data is collected for all trainings and analyzed during monthly DIT meetings, when available
- Feedback on training content and delivery is shared with trainer
- Used to determine next steps in supporting staff, including:
  - Identification of additional professional learning needs
  - Adjustments to coaching supports
  - Additional district guidance and/or resources to support implementation

# MiMTSS Training Effectiveness Data

- Collected via the MiMTSS Data System
- Your DIT has been submitting MiMTSS training data for several months
- Data will be available from schools when they start training in January
- Your Implementation Specialist will work with identified DIT member(s) to generate reports and summarize data to share with the team during monthly meetings
- Team identifies additional supports and updates activities within the implementation plan

# Communication to SLTs

- To increase the likelihood that training evaluations are completed and accurate, SLTs need to understand why training data is collected and how it will be used
- Use of training effectiveness data is one of the ways the DIT actively supports schools in their implementation of MTSS



## Activity 3.2

- Your Implementation Specialist and Coordinator will facilitate the team in preparing to collect and use training effectiveness data
  - Complete the training effectiveness data section in the capacity tab of the MTSS Assessment System
  - Plan to use your communication protocols with SLTs to provide a rationale for the collection and use of training data
- Add prompts and activities to your implementation plan to ensure training data is reviewed



# Training Isn't Enough

- High-quality training is not sufficient for ensuring staff are supported to effectively implement selected practices
- To ensure staff can successfully implement a program, practice or framework
  - Levels of use need to be operationally defined
  - Fidelity assessment is available to measure implementation
  - High-quality coaching supports are provided to ensure that what is learned transfers into practice and is implemented as intended

(Active Implementation HUB, NIRN)

# 4.0 Communication Effectiveness Data

# Use of Communication Effectiveness Data

- Collected via a survey at least annually
- Measures the effectiveness of communication between all stakeholder groups identified within a district's communication plan
- Identified DIT member sends out the survey with deadline or meeting when it will be completed
- DIT member summarizes data during monthly team meeting following administration of the survey
- Team identifies additional implementation supports and updates the implementation plan



# Activity 4.1

- Your Implementation Specialist and Coordinator will facilitate the team in preparing to collect communication effectiveness data by
  - Reviewing and finalizing the example communication survey located in the appendices of the District Communication Plan
  - Finalizing the decisions in the communication effectiveness section in the capacity data tab of the MTSS assessment system
- Add next steps to your implementation plan to ensure the survey is sent within established timelines

# 5.0 Next Steps

# Next Steps

- Use decisions outlined in the MTSS Assessment System to collect data within given timelines
- Work with your Implementation Specialist to summarize data prior to DIT meetings
- During DIT meetings, share data summaries, identify adjustments to supports and update your implementation plan
- Update DIT Installation Checklists until they are 100% complete

# SESSION EVALUATION

- Trainers, add the session evaluation link from the MiMTSS Data System
- When you get to this slide in training, go to the link and provide a preview of the questions and how to complete the feedback.