



Focus on  
**High-Quality Academics**  
***ANALYZE & INTERPRET***

# Assessment System



# High-Quality Academics Series



1. What is included in your district / building / classroom assessment plan/calendar/map and is it accessible to all?

2. How do you know that all assessments are high quality, are rigorous, and are implemented with fidelity?

3. How do you know that all assessments are equitable and accessible?

1. How will you begin or continue to engage school staff in analysis and interpretation of student data?

2. How are you implementing data analysis protocols to effectively inform instruction?

3. How are you ensuring educators collaborate in order to make curricular decisions based on data analysis?

1. How do you determine if allotted time for instruction of content / standards is appropriate, and how can the K-12 articulated curriculum be modified for efficiency?

2. How are you using a variety of instructional methods to maximize student learning while differentiating to meet all student needs?

3. How do you ensure alignment of performance expectations (standards), curricular emphasis, and instruction across all classrooms/grade levels?

1. What formal and informal opportunities exist to promote teacher reflection and collaboration to ensure data-informed instructional practices?

2. Have you created a system/process that uses assessment data effectively to monitor student learning needs?

3. What practices are in place to communicate progress regularly to families and caregivers?

# Guiding Questions

- How will you begin or continue to engage school staff in analysis and interpretation of student data?
- How are you implementing data analysis protocols to effectively inform instruction?
- How are you ensuring educators collaborate in order to make curricular decisions based on data analysis?



# Guiding Question #1



**How does your assessment plan reflect the district's values for teaching and learning?**

- **WHY?**
- **HOW?**
- **WHAT?**



# Why is this important?



Engaging staff in analysis and interpretation of student data is critical to ensuring:

- Staff decisions promote the LEAs vision/mission/plan.
- Key team members are included in the analysis and interpretation process.
- Current assessment tools provide sufficient data to inform necessary instructional changes.
- Data is tailored to the user.
- Resources support effective teaching and learning.





# How will we achieve success?




In convening a data analysis team, actionable tasks may include:

- Identifying key staff members for data analysis including school-based facilitator.
- Defining the scope of the analysis and interpretation.
- Providing timely, role-based access to data and communicating it's value.
- Interpreting data and developing hypotheses about how to improve student learning.



# What research and resources support this initiative?

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- Professional development regarding analyzing and interpreting data.
  - Academic Achievement Data
    - Benchmark Data
    - Emetric
    - Classroom Diagnostic Data
    - Curriculum-based Tests and Quizzes
    - Grade Level or Course Common Assessments
    - Classroom observations
    - Student responses to content-based tasks and activities
  - Resource: Central Beliefs About Data Inquiry Teams



# Reflection GQ #1



How do we rate?

- ✓ Key staff are identified for data analysis
- ✓ Scope of analysis and interpretation is determined
- ✓ Data access is readily available
- ✓ Data value and relevance is effectively communicated

<b>Not Yet Evident</b>	<b>Emerging</b>	<b>Operational</b>	<b>Exemplary</b>
There is little to no evidence of any key points established in our organization, nor do we have a plan to implement them.	There is minimal evidence of one or two key points and there is ongoing discussion in our organization to implement them.	There is strong evidence of at least three key points implemented in our organization and there is an established plan in place.	There is model evidence that all key points are implemented in our organization. An established plan is in place to evaluate effectiveness and adjust as needed.

# Guiding Question #2



How are you implementing data analysis protocols to effectively inform instruction?

- WHY?
- HOW?
- WHAT?



# Why is this important?



Effectively implementing data analysis protocols in LEAs are necessary to examine:

- Learning gaps
- Equitable access for all students
- Appropriate resource allocations





# How will we achieve success?



Practices an LEA can take to enact effective protocols are the following:

- Identify learning prerequisites for each unit.
- Include formative analysis of prior knowledge.
- Examine evidence from the multiple data sources.
- Teach students to have ownership in success.
- Ensure identification of class level and students' strengths and learning gaps.

If you wish to view a data team in action, please use the following link:

<https://vimeo.com/48803086>

# What research and resources support this initiative?



- [PDE SAS Vertical standards view](#)
- [Student Achievement Partner's Mathematics Coherence Map](#)
- [Using Data: Data Inquiry Teams](#)
- [IES Guide Regarding Data Analysis Protocols](#)
- [Digging Deeper Root Cause Analysis Questions](#)

# Reflection GQ #2



How do we rate?

- ✓ Learning prerequisites are identified
- ✓ Multiple data sources are used to examine evidence
- ✓ Class and individual student strengths and challenges are identified
- ✓ A culture of student ownership in success is implemented

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# Guiding Question #3



How are you ensuring educators collaborate in order to make curricular decisions based on data analysis?

- WHY?
- HOW?
- WHAT?



# Why is this important?



Collaboration among educators in the analysis of data is valuable in order to:

- Develop analysis and interpretation expertise.
- Update scope and sequence documents.
- Ensure grade/course level transitions.
- Encourage teacher leadership.
- Adopt common instructional and assessment practices.
- Develop a collective understanding of the student needs.



# How will we achieve success?



Ways to implement a successful data collaboration team may include:

- Enabling PLCs to make data-driven decisions.
- Conducting horizontal and vertical data team meetings.
- Dedicating structured time for staff collaboration.
- Modifying scope and sequence to allow for just-in-time interventions and remediation.
- Identifying appropriate supports for individual student needs.



# What research and resources support this initiative?



- [Resource: Academic Section of the Restart and Recover Guide from CCSSO \(Appendices A and B are most relevant\)](#)
- [Resource: Multi-Tiered Systems of Support \(MTSS\)](#)



# Reflection GQ #3



How do we rate?

- ✓ PLCs are empowered to make data-driven decisions
- ✓ Vertical and horizontal data teams meetings are conducted
- ✓ Staff collaboration time is scheduled
- ✓ Scope and sequence is modified for just-in-time remediation

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- If you are unable to open the tinyurl link, use: <https://forms.gle/KcwcPxxgT5gXguaKSA> (case sensitive)
- You may also access the attendance form by scanning this QR code with your smartphone.
- Both links and the QR code direct you to the same form.

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