**Potential Data Analysis Team(s)**

**Apply Data Questions**

* Administrative Team
* Instructional Leadership Team
* Core Content Team(s)
* School Committee(s)
* PBIS Team
* Community Partners
* Parents

* What does the data tell us? Be specific…
* What questions do we still have about the data?
* What are our areas for celebration?
* What are our critical areas to target for growth? Consider process for developing consensus on critical growth areas.

**SWOT Analysis**

|  |  |
| --- | --- |
| **Strengths** | **Weaknesses** |
| **Opportunities** | **Threats** |

**Academic Indicators**

* School Report Card (Proficiency, GAP, Transition, Graduation Rate)
* ACT Data
* Universal Screening Data
* Common Formative Assessment

**Non-Academic Indicators**

* Attendance (teacher and student)
* Student Behavior Data
* Mobility Data

**Perception Data**

* TELL Data
* CSS Data
* Survey Data (Staff, Parent, Student)
* Inventory Data

**Potential Data Sources**

**Goal Writing**

Are our strategies and activities aligned with our Goals?

[CSIP Presentation - Including Goal Writing Requirements and Sample Goals](https://education.ky.gov/school/csip/Documents/CSIP%20and%20eProve%202017%20Presentation.pdf)

**Strategy/Activity Development**

How will we use what we know from our Root Cause Analysis to get from where we are to where we want to be?

[Sample Strategies/Activities Aligned with Key Core Work Processes](https://education.ky.gov/school/csip/Pages/default.aspx)

Once critical areas for improvement are identified, facilitate a Root Cause Analysis focusing on the Work (Processes), Worker (Practices), and Workplace (Conditions) as they pertain to the Key Core Work Processes (KCWP)

|  |  |  |
| --- | --- | --- |
| **Work**  **(Processes)** | **Worker**  **(Practices)** | **Workplace**  **(Conditions)** |
| Processes implemented by students, teachers, and/or school | Practices, capabilities and motives of students, teachers, and/or school | Conditions, environment and surroundings in which the people live, study, and/or work |

**KCWP Applicable to Academic Indicators**

* KCWP 1: Design and Deploy Standards
* KCWP 2: Design and Deliver Instruction
* KCWP 3; Design and Deliver Assessment Literacy
* KCWP 4: Review, Analyze and Apply Data
* KCWP 5: Design, Align and Deliver Support
* KCWP 6: Establishing Learning Culture and Environment

**5 Whys Applicable to ALL Data Sources**

**Root Cause Analysis**

**Data Team Name: Data Source Analyzed:**

**Specific Grade/Content Analyzed (If Applicable):**

**Proficiency Data**

|  |  |
| --- | --- |
|  |  |
| Guiding Plus Analysis Questions   1. Increases in Proficient/Distinguished from last year? 2. Decreases in Novice from last year? 3. Exceeding District/State Averages in Proficient/Distinguished? 4. Below District/State Averages in Novice? | Guiding Delta Analysis Questions   1. Decreases in Proficient/Distinguished from last year? 2. Increased in Novice from last year? 3. Below District/State Average in Proficient/Distinguished? 4. Exceeding District/State Average in Novice? |
|  |  |
| **Root Cause Analysis (Reflective Thinking)**  **What are factors that contributed to the identified deltas above? Begin reflective thinking with Key Core Work Processes (KCWP). Identified factors could include but not be limited to KCWP** | |
|  | |
| **Strategies/Activities (Forward Thinking)**  **What are potential strategies/activities that could potentially address the identified factors above? Begin forward thinking with Key Core Work Processes (KCWP). Identified strategies/activities could include by not be limited to KCWP.** | |
|  | |

**Data Team Name: Data Source Analyzed:**

**Specific Grade/Content Analyzed (If Applicable):**

**GAP Data**

|  |  |
| --- | --- |
|  |  |
| Guiding Plus Analysis Questions   1. Has GAP decreased from last year? 2. Which sub group has highest Proficient/Distinguished? 3. Which sub group has lowest Novice? 4. Which sub group has lowest GAP (Ethnicity, F/R Lunch, SPED) 5. Which sub group(s) increase Proficient/Distinguished? 6. Which sub group(s) decreased Novice? | Guiding Delta Analysis Questions   1. Has GAP increased from last year? 2. Which sub group has lowest Proficient/Distinguished? 3. Which sub group has highest Novice? 4. Which sub group has highest GAP (Ethnicity, F/R Lunch, SPED) 5. Which sub group(s) decreased Proficient/Distinguished? 6. Which sub group(s) increased Novice? |
|  |  |
| **Root Cause Analysis (Reflective Thinking)**  **What are factors that contributed to the identified deltas above? Begin reflective thinking with Key Core Work Processes (KCWP). Identified factors could include but not be limited to KCWP** | |
|  | |
| **Strategies/Activities (Forward Thinking)**  **What are potential strategies/activities that could potentially address the identified factors above? Begin forward thinking with Key Core Work Processes (KCWP). Identified strategies/activities could include by not be limited to KCWP.** | |
|  | |

**Data Team Name: Data Source Analyzed:**

**Specific Grade/Content Analyzed (If Applicable):**

**Transition Readiness Data**

|  |  |
| --- | --- |
|  |  |
| Guiding Plus Analysis Questions   1. Number/Percent of COLLEGE ready increase from last year? 2. Number/Percent of CAREER ready increase from last year? 3. Number/Percent of College/Career Ready above district/state avg.? 4. ACT Trends? 5. KOSSA/Industry Cert. trends? | Guiding Delta Analysis Questions   1. Number/Percent of COLLEGE Ready decrease from last year? 2. Number/Percent of CAREER Ready decrease from last year? 3. Number/Percent of College/Career Ready below district/state avg.? 4. ACT Trends? 5. KOSSA/Industry Cert. trends? |
|  |  |
| **Root Cause Analysis (Reflective Thinking)**  **What are factors that contributed to the identified deltas above? Begin reflective thinking with Key Core Work Processes (KCWP). Identified factors could include but not be limited to KCWP** | |
|  | |
| **Strategies/Activities (Forward Thinking)**  **What are potential strategies/activities that could potentially address the identified factors above? Begin forward thinking with Key Core Work Processes (KCWP). Identified strategies/activities could include by not be limited to KCWP.** | |
|  | |

**Data Team Name: Data Source Analyzed:**

**Specific Grade/Content Analyzed (If Applicable):**

**TELL Data**

|  |  |
| --- | --- |
|  |  |
| Guiding Plus Analysis Questions   1. Which questions percent agreement increased? 2. Which questions percent agreement above 80% | Guiding Delta Analysis Questions   1. Which questions percent agreement decreased? 2. Which questions percent agreement below 70% 3. Which questions below 70% have greatest leverage for school improvement? |
|  |  |
| **Root Cause Analysis (Reflective Thinking)**  **What are factors that contributed to the identified deltas above? Begin reflective thinking with Key Core Work Processes (KCWP). Identified factors could include but not be limited to KCWP** | |
|  | |
| **Strategies/Activities (Forward Thinking)**  **What are potential strategies/activities that could potentially address the identified factors above? Begin forward thinking with Key Core Work Processes (KCWP). Identified strategies/activities could include by not be limited to KCWP.** | |
|  | |

**Data Team Name: Data Source Analyzed:**

**Specific Grade/Content Analyzed (If Applicable):**

**Graduation Rate Data**

|  |  |
| --- | --- |
|  |  |
| Guiding Plus Analysis Questions   1. Grad. Rate increase from last year? 2. Grad. Rate above state average? | Guiding Delta Analysis Questions   1. Grad. Rate decrease from last year? 2. Grad. Rate below state average? |
|  |  |
| **Root Cause Analysis (Reflective Thinking)**  **What are factors that contributed to the identified deltas above? Begin reflective thinking with Key Core Work Processes (KCWP). Identified factors could include but not be limited to KCWP** | |
|  | |
| **Strategies/Activities (Forward Thinking)**  **What are potential strategies/activities that could potentially address the identified factors above? Begin forward thinking with Key Core Work Processes (KCWP). Identified strategies/activities could include by not be limited to KCWP.** | |
|  | |

**Data Team Name: Data Source Analyzed:**

**Specific Grade/Content Analyzed (If Applicable):**

**Comprehensive School Improvement Plan SWOT**

|  |  |
| --- | --- |
| **STRENTHS**  What are we doing that is working? What are we doing GREAT? What makes our school unique? How do others perceive us? | **WEAKNESSES**  What are we doing that isn’t working? What are we doing that we need to improve upon? What factors have contributed to weaknesses? |
|  |  |
| **OPPORTUNITIES**  What opportunities for improvement do we have? How can we leverage these opportunities for maximum improvement? | **THREATS**  Do we have 100% buy-in to our school improvement initiatives? Are we implementing our school improvement initiatives with fidelity? |
|  |  |