**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 Questions1. 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 Questions1. 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 Questions1. 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 Questions1. 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 Questions1. 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?  |
|  |  |