A Systemic Approach for Dropout Prevention

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Solutions Radio Webcast
PAR – Performance Assessment Review

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Performance and Assessment Review Framework

- Problem
  - Community
    - Individuals
  - Schools

- Analysis
  - Qualitative
  - Quantitative
  - Research-Based
    - Risk Factors
    - Dropout Early Warning System
    - Model Programs

- Solutions
  - Targeted Intervention
  - Community Intervention
  - Schoolwide Intervention
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Performance Assessment and Review

I. Preparation: Readiness for Change
   - Data Collection and Analysis
     - DEWS

II. Review School and Community Culture and Environmental Conditions

IV. Comprehensive Analysis of Data
   - Quantitative/Factual
     - High-risk individual
     - Student clusters
     - Grade-level patterns
     - Low-performing schools
     - Cohort trends
   - Qualitative/Contextual
     - Observations in schools/community
     - Focus groups and interviews
     - Surveys—students/teachers/parents
     - Support from district
     - Review of policies and practices

Discrepancy Analysis and Priority Setting

V. Select Intervention Programs and Strategies

VI. Plan and Implement Action Plan

VII. Monitor, Evaluate, and Revise
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- **What is DEWS?**
  - DEWS is a web-based comprehensive data management system for predicting potential dropouts. Research-based risk factors of readily accessible student data are analyzed within a Predictive Analytic application. The results are accessed online with a capacity ranging from district-level, school-level, to specific student-level data indicating status of risk which is delineated as high, middle, or low.
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• What are the key elements of DEWS?
  – It uses routinely accessible data
  – It can predict behavior (dropout)
  – It can identify individual student risk
  – It can identify student cohort risk issues
  – It can identify school-wide risk issues
  – It can identify district-wide risk issues
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• What information does DEWS provide?

- It provides a database of all students, their level or status of risk, the specific weighted risk factors and score.
- This information is available by district, school, and individual
- The information is updated and indicators of change in risk status are provided
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• **What are the advantages of DEWS?**
  – It looks at historic or longitudinal retrospective data that indicates systemic patterns contributing to school disengagement
  – It analyzes large amounts of data and multiple risk factors saving time and money
  – The information enables districts and schools to target and monitor interventions for students who are disengaged in learning or off track
  – Results are web-based for ease of access, monitoring, and evaluating
  – Efficiency of time and resources is maximized by the use of real-time data
  – Results are provided by level of risk so prioritizing solutions is maximized
• How does DEWS support PAR?

  – DEWS is a tool to pinpoint factors contributing to school disengagement
  – DEWS creates an information management tool for targeted recommendations
  – DEWS is a hands-on tool for monitoring implemented action plans and their degree of success and the time frame required for risk status change