

A Model For Using Data to Improve Student Achievement

Collect • Organize • Analyze • Use

Collect

- Determine what data is needed
 - Select data sources
 - Identify key performance indicators
 - Develop data collection plan
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Organize

Topical Organization of Data

- By content area
- By correlate area
- By research questions
- By district goals

Physical Organization of Data

- Spreadsheets/Databases
 - File folders
 - Data boxes
 - Notebooks
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Analyze

- Data tables
 - Charts
 - Graphs
 - Triangulate
 - Disaggregate
 - Analysis questions
 - Plenty of discussion
 - Outcome data
 - Demographic data
 - Process data
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Use

- Make decisions about curriculum, instruction, and assessment
- Develop school improvement plans
- Set criteria for measurement
- Improve student achievement
- Communicate progress to others
- Determine needs