Data Literacy Continuum: Essential Elements

Data exploration
• What?
  • Purpose and vision (set the path)
  • Research questions (what do we want/need to know?)
• Considerations
  • Who are the stakeholders who are affected?
  • How do we establish buy-in prior to moving forward?

Data management
• What?
  • Data definitions
  • Data selections
  • Data collection/access
  • Data submission
  • Data fidelity
  • Data management system/storage
• Considerations
  • Cost, time, feasibility, burden on stakeholders

Data use
• What?
  • Data analysis
  • Data-based decisionmaking
  • Data sharing and reporting
• Considerations
  • Balance use of systems improvements, instructional decisionmaking, reporting
  • Use depends on role

Reflection and improvement
• What?
  • Efficient and effective data literacy
  • Data integration
  • Sustainability of data use/management
  • Scaling up processes
  • Improving fidelity
• Considerations
  • How can we improve costs, time, feasibility, data system, and burden on stakeholders for data use?
  • Did we answer our questions?

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