

Data Triangulation Matrices

Please use the two tables below to reflect on how each data source informs your understanding of the ideas below. This document is designed to bring together data from various sources to support later analysis and the emergence of key findings.

Describe what you have learned about each item below according to each data source. If detailed descriptions of the topics listed on the left are needed, consult the reporting template.

Matrix of Context-Level Data

This matrix will help bring together data from different sources concerning the integration setting and characteristics.

	Interviews with Implementation Stakeholders	Interviews with School or Community Leaders	Interviews with IT Coordinators	Other Sources
Context of Integration				
Target Population	e.g., Program is intended for children ages 5–12. Also serves low-income children ages 12–17.			
Education System Structure and Characteristics				
Education Reform Goals				
Program Supports				
Political Climate				
Rollout Characteristics				
Rollout Features				
Planning				
Relationship to Planners of the Integration Effort				

Matrix of School- and Classroom-Level Data*

The following matrix will help bring together data from different sources concerning the technology integration in school and classroom contexts. In some cases cells may be left blank.

	Interviews with School Leaders	Interviews with IT Coordinators	Interviews with Teachers	Classroom Observations	Interviews with Students and Families	Other Sources
School-Level Implementation						
Device Access						
Supports for Use of Educational Technology						
Buy-in and Commitment						
Capacity and Readiness						
Organizational/ Professional Culture						
Professional Autonomy						
Teacher Growth						
Teacher Collaboration						
Leadership (at schools or other learning contexts)						
Classroom-Level Implementation						
Integration of the Device into Curriculum, Instruction, and Assessment						
Typical Classroom Instruction/Activity						
School-Level Implementation						
Independent Research						
Communication						
Innovative Instruction						
Extension of Learning Beyond the Classroom						
Changes in Teaching and Learning						
Changes in Teacher Attitudes						
Changes in Instructional Practices						

*This matrix may be adapted, with some modifications, to synthesize data gathered in out-of-school settings as well.