
EARLY HEARING DETECTION & INTERVENTION CONFERENCE

PITTSBURGH, PA

MARCH 9 – 11, 2025





LANGUAGE ACQUISITION & BRIDGING PART C TO PART B: RELIABLE, ACCESSIBLE, OUTCOME-BASED DATA



STATEMENT OF THE PROBLEM

- Scarcity and accessibility of data
- Validity and reliability of data
- Lack of action/follow-up
- Lack of a central repository of longitudinal data
- Insufficient data sharing

PROJECT OBJECTIVE

To integrate Birth to 3 language acquisition testing data into the Student Information System (SIS) in a structured, efficient, and historically archivable manner. This project aims to evaluate and determine the best method for storing and accessing this data within Synergy SIS.

DATA? WHAT DATA? WHERE IS IT?

	AzDHS	AzEIP	ASDB	ADOE	Districts
Screening, Diagnostic, & Intervention Data	X	X	X		
Hearing Loss Type and Severity	X	X	X		
Demographics	X	X	X		
Age of Amplification			X		X
Language Input			X		X
Additional Diagnoses		X	X	X	X
EI History		X	X		X

DATA? WHAT DATA? WHERE IS IT?

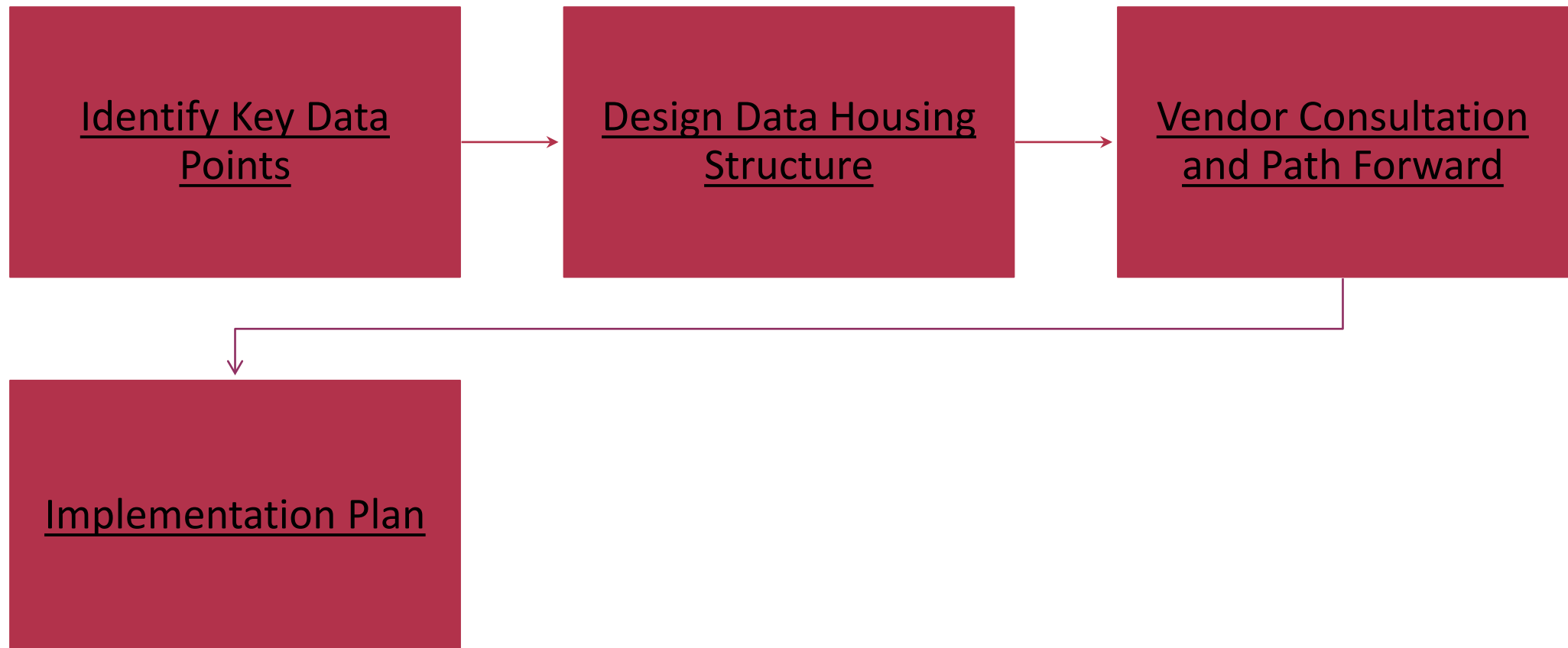
	AzDHS	AzEIP	ASDB	ADOE	Districts
Referred to Part B		X	X	X	X
Enrolled in Part B (preschool)		X	X	X	X
County/City of Residence		X	X	X	X
Enrolled in Part B (kinder)			X	X	X
LRE			X	X	X
Language Acquisition Data and Outcomes			X	X	X
Academic Progress and Outcomes			X	X	X
Post-School Outcomes				X	

ACCESSIBLE DATA



**THE NEED FOR OPEN
AND ACCESSIBLE DATA**

PROJECT PLAN



KEY DATA POINTS FOR HISTORICAL ARCHIVAL

- Student Identification (Name, DOB, SIS/State ID, etc.)
- Test Name & Version
- Test Date
- Test Administrator
- Language Scores (Overall, Receptive, Expressive)
- Additional Subscores (if applicable)
- Evaluator Notes/Observations
- Intervention Recommendations (if available)



DATA HOUSING STRUCTURE DESIGN

OPTION A: TEST HISTORY MODULE

Pros

- Designed specifically for test data storage
- Standardized templates for data ingestion
- Better long-term support from Edupoint
- Easier reporting and analytics

Cons

- Confirmation needed from the vendor
- Potential customization limitations



DATA HOUSING STRUCTURE DESIGN

OPTION B: USER DEFINED DATA

Pros

- Fully customizable
- Can be implemented without vendor support

Cons

- Higher effort for development and maintenance
- No native reporting or analytics support
- Risk of data inconsistency over time

VENDOR CONSULTATION AND PATH FORWARD

Engage Edupoint to Determine Feasibility of Test History Module

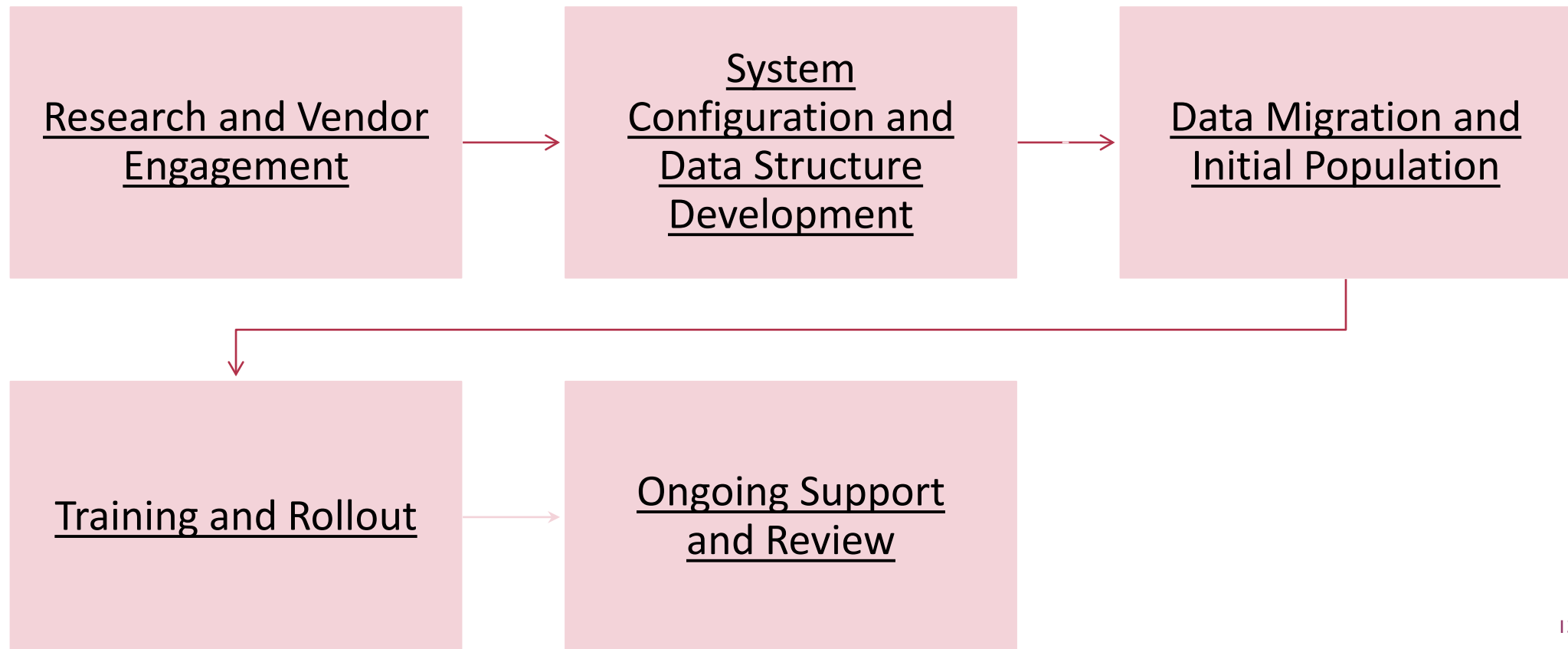
- If Test History Module is viable: Proceed with designing templates and ingestion methods
- If not viable: Proceed with User Defined Data design and implementation

Engage Relevant Stakeholders

- IT, Special Education, Compliance, Data Management Team



IMPLEMENTATION PLAN OVERVIEW



IMPLEMENTATION PLAN

Phase 1: Research & Vendor Engagement - Discussions with Edupoint

- Evaluate data storage solutions in similar districts
- Assess feasibility of Test History Module

Phase 2: System Configuration & Data Structure Development

- Test History: Develop templates and ingestion methods
- User Defined: Design and configure custom data fields
- Conduct internal testing



IMPLEMENTATION PLAN

Phase 3: Data Migration & Initial Population

- Identify existing data for migration; Develop and execute migration plan; Validate data accuracy post-migration

Phase 4: Training & Rollout

- Train relevant staff; Document workflows and best practices; Implement monitoring and maintenance protocol



IMPLEMENTATION PLAN

Phase 5: Ongoing Support & Review

- Establish data review process
- Collect feedback and refine system
- Address performance or usability issues



STUDENT INFORMATION SYSTEM



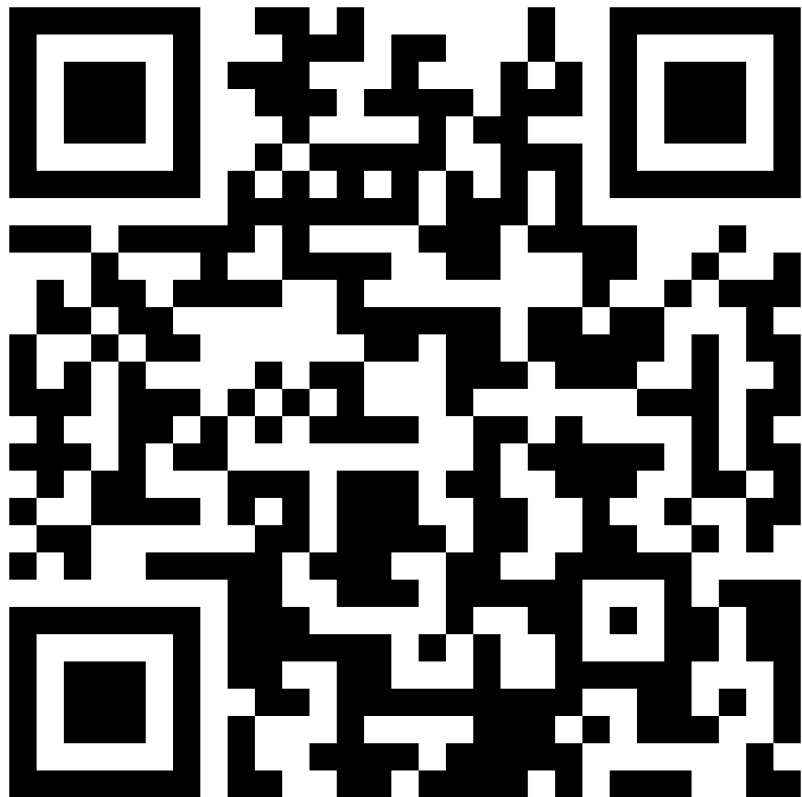
BENEFITS TO PROVIDERS

- Give EI providers the tools to understand the impact of the current work they are doing with families and trends over time
- Allows for and facilitates ongoing analysis through customized and Ad Hoc reports
- Allow routine reports to be run that allow for ongoing quality improvement
- Allow customization of reports to pull data on desired parameters
- Use real time data to address needs for workforce development and deployment

BENEFITS TO FAMILIES

- Parent access to their own child's data in real time, any time
- Standardized, normed data, appropriate for the age of the child and the communication method
- Allows data to stay with the child, regardless of placement
- Facilitates communication between families and providers
- Moves the locus of control and information access closer to the family and provider and ensure that parents have access to transparent information and opportunities

WHAT IT COULD LOOK LIKE





Nathaniel

Corona del Sol High School

ID: 25400480

(480-752-8888)

Home



Alerts



Calendar



ParentSquare



Bookstore Payment Portal



Canvas Login



Transcript Ordering/Parchment



Attendance



Class Schedule



Course History



Grade Book



Report Card



School Information



Student Info



Test History



Documents

GRADE BOOK

[View Course Content](#)

Classes for Corona del Sol High School

[3rd Quarter](#) ▼

2: Film Study 2

Patrick McChesney Room: A304

› QTR3

A

2 Missing Assignments

94.0%



Last Update: 2/28/2025

3: Honors US/Arizona Government

 Thomas Bristol Room: E260

› QTR3

A

1 Missing Assignment

90.8%



Last Update: 3/2/2025

5: College Composition

Katherine Zentgraf Room: E216

› QTR3

A

0 Missing Assignments

92.8%



Last Update: 2/27/2025

6: Drawing And Painting 1

Vanessa Mora Room: C136

› QTR3

A

0 Missing Assignments

92.8%



Last Update: 2/28/2025

GRADE BOOK

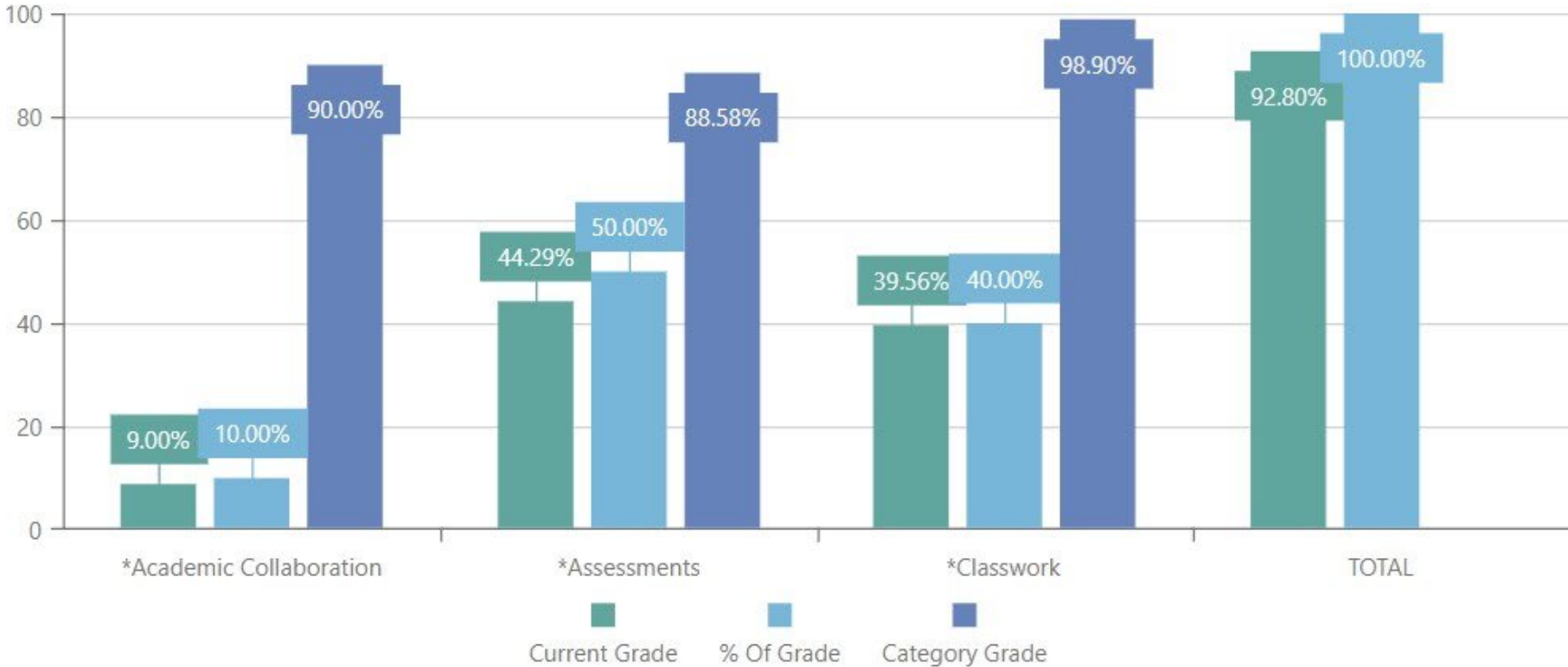
All Classes Corona del Sol High Sch... 3rd Quarter College Composition

Assignment View Course Content View



Chart Grid

Category Weighting



CONCLUSION

This project plan offers a structured approach for integrating Birth to 3 language acquisition testing data into Synergy SIS. The preferred solution depends on vendor input regarding the Test History Module's feasibility. If viable, this will provide a structured, efficient, and supported method. Otherwise, a fully customizable User Defined Data approach will be pursued, with an emphasis on long-term maintenance and system support.



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