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# 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?

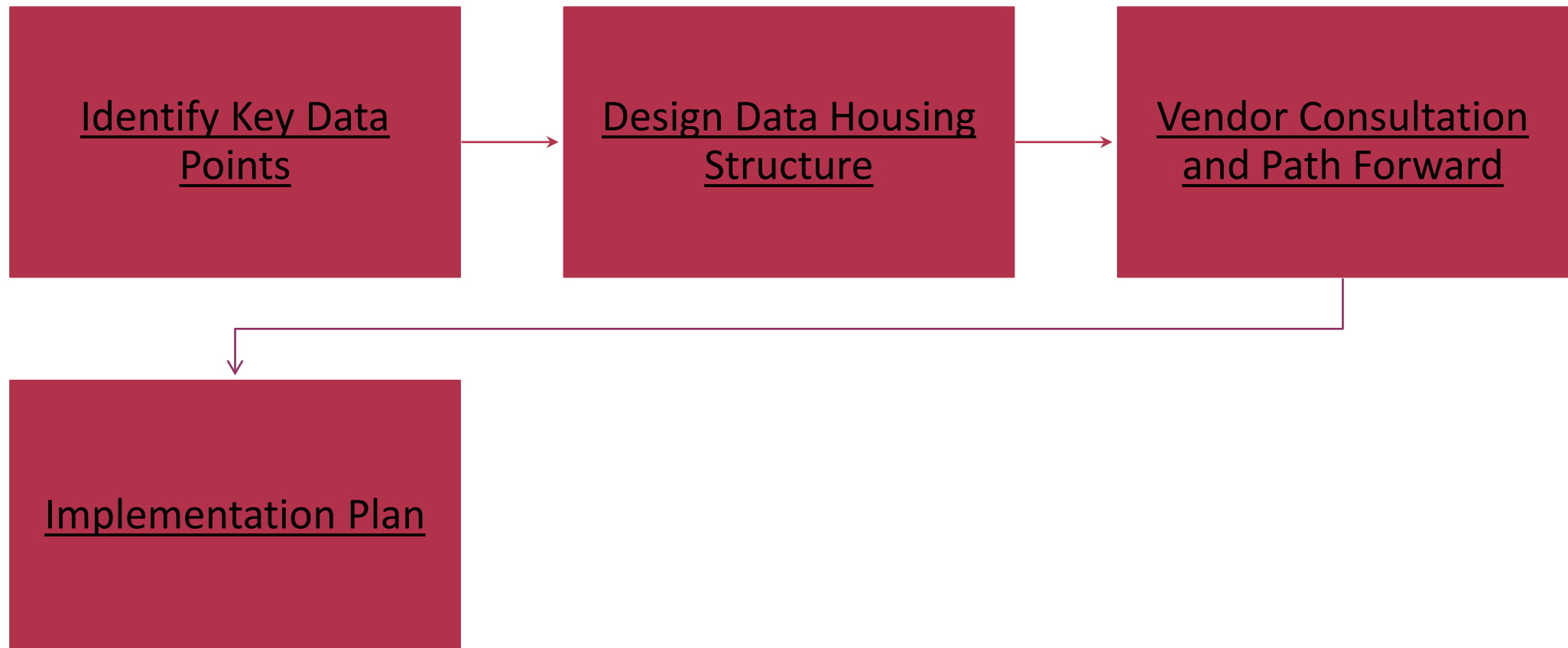
	AzDHS	AzEIP	ASDB	ADOE	Districts
Referred to Part B		X	X	X	X
Enrolled in Part B (preschool)		X	X	X	X
County/City of Residence		X	X	X	X
Enrolled in Part B (kinder)			X	X	X
LRE			X	X	X
Language Acquisition Data and Outcomes			X	X	X
Academic Progress and Outcomes			X	X	X
Post-School Outcomes				X	

# 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**

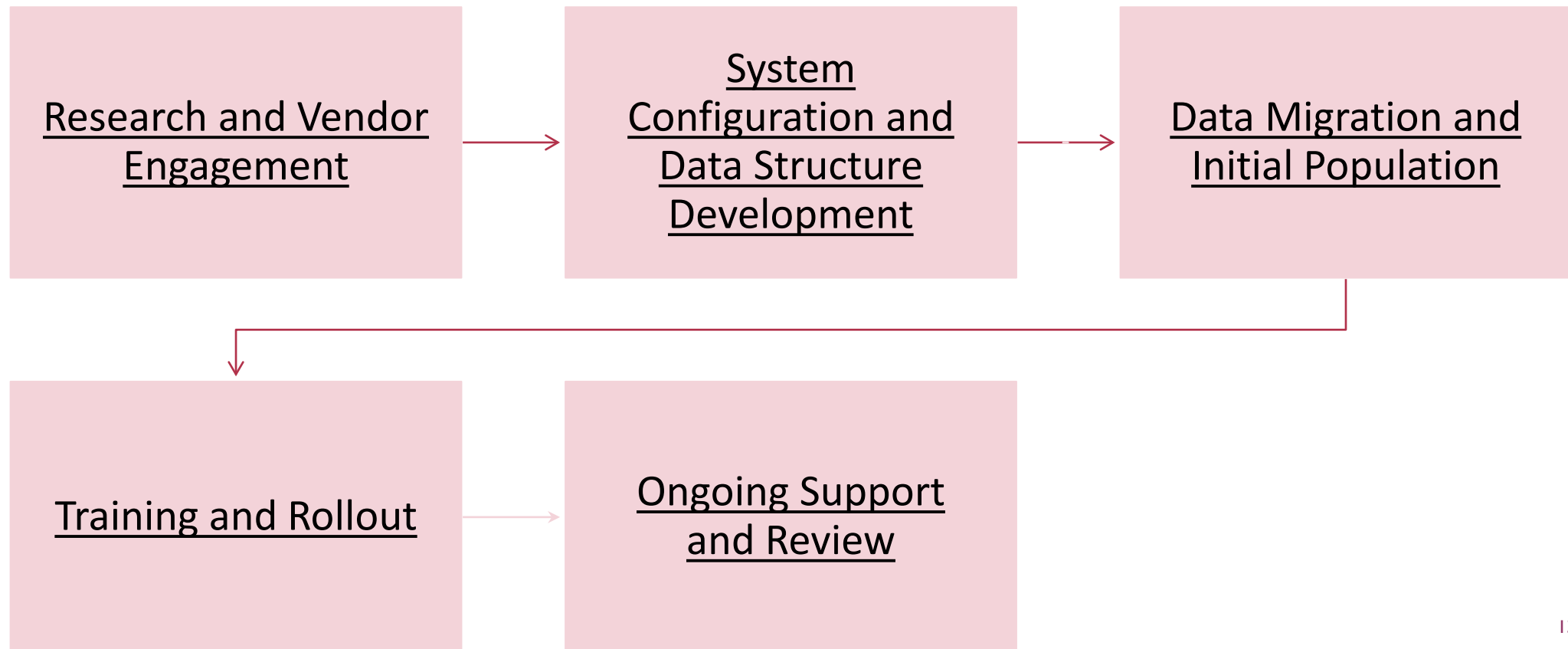
- If Test History Module is viable: Proceed with designing templates and ingestion methods
- If not viable: Proceed with User Defined Data design and implementation

## **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



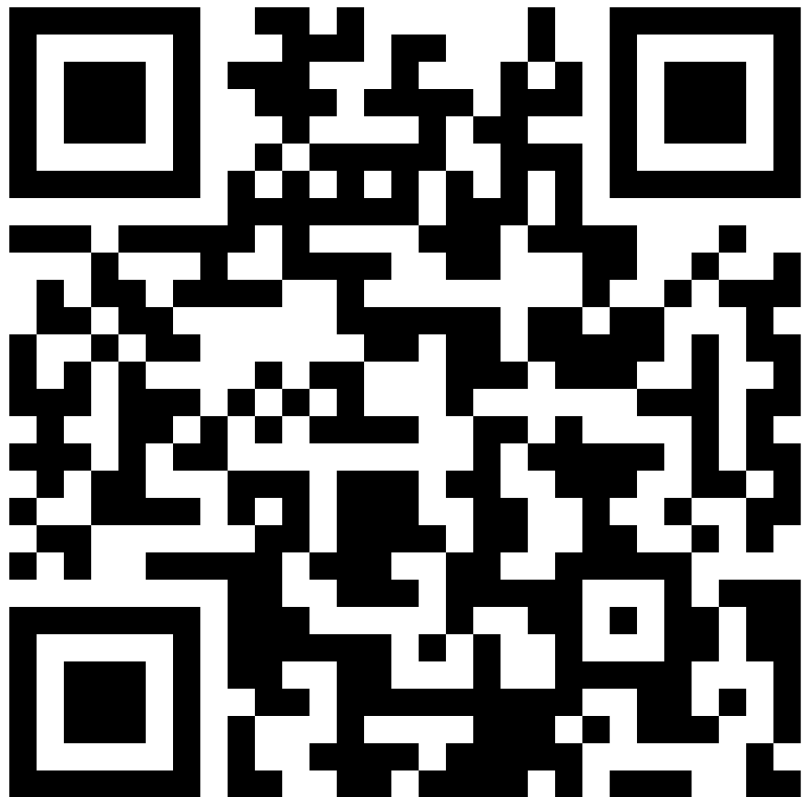
# BENEFITS TO PROVIDERS

- 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

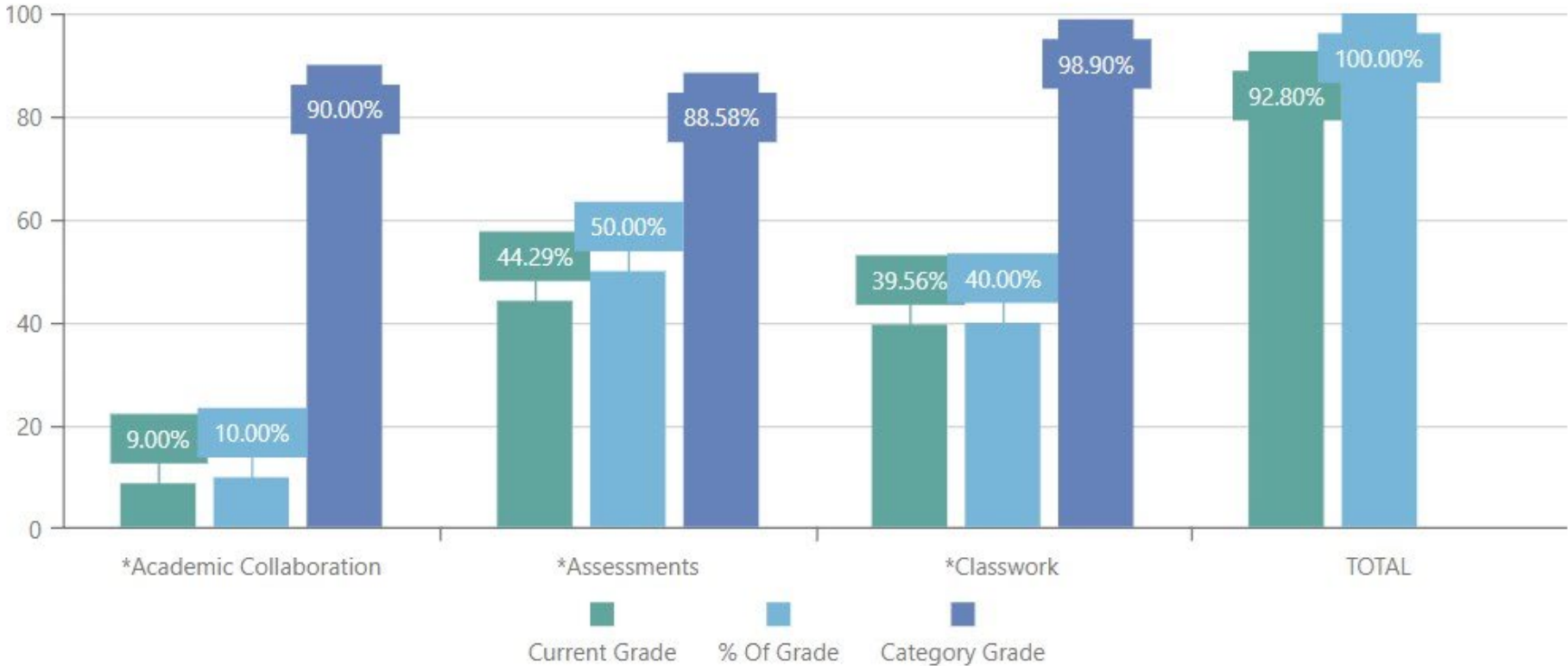
All Classes Corona del Sol High Sch... 3rd Quarter College Composition

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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