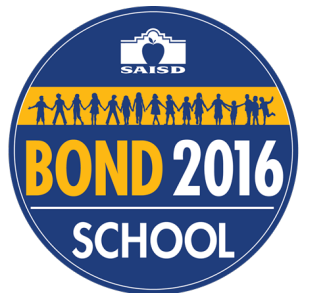


BOND 2016

CITIZENS ADVISORY COMMITTEE (CAC)

Wednesday, December 6, 2017
Central Office Board Room
6:00 PM



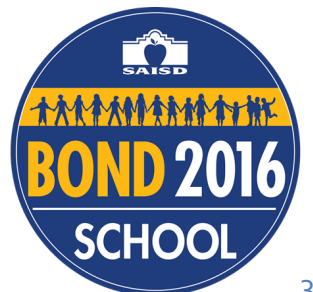
OVERVIEW

- ❖ Updates on:
 - ❖ Scope & Schedule
 - ❖ Contracting of Architects
 - ❖ Staffing
- ❖ Contractor selection
- ❖ Master Plan: 2030







UPDATE: SCOPE & SCHEDULE

- ❖ Three new PreK-8 Projects (Academies):
 - ❖ Irving Middle School
 - ❖ Tafolla Middle School
 - ❖ Bowden Elementary
- ❖ Modifications to take place; However, mechanical, infrastructure elements remain consistent
- ❖ Contract have been finalized with Architects

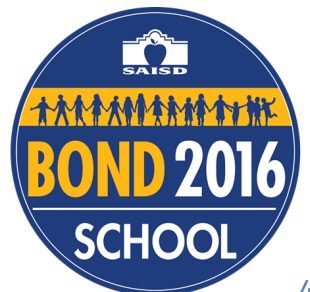


UPDATE: SCOPE & SCHEDULE

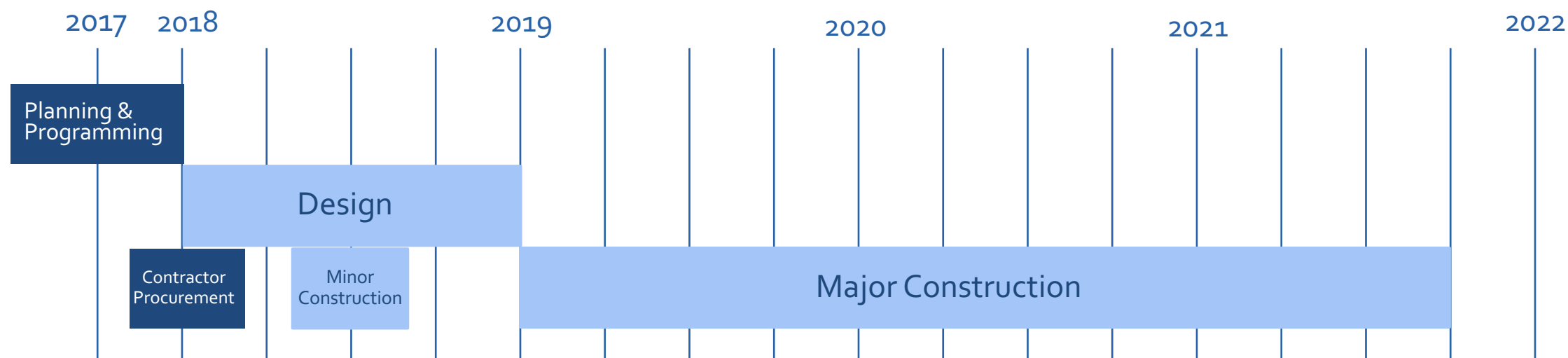
Bond 2016 Timeline

❖ Professional Services Procurement	4 – 6 Months	
❖ Design Phase	12 – 14 Months	
❖ Contractor Procurement	4 Months	
❖ Construction Phase	24 – 42 Months	
❖ Commissioning & Occupancy	4 – 6 Months	
<i>TOTAL BOND TIMELINE</i>	4 – 6 Years	

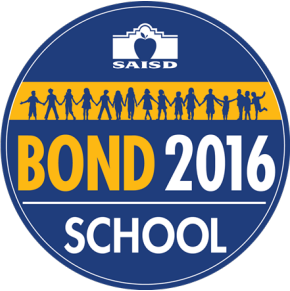
- ❖ Consecutive phases may overlap



UPDATE: SCOPE & SCHEDULE



 In progress
 Planned



UPDATE: SCOPE & SCHEDULE – in depth

Developing Plans & Specifications

December 2017 – December 2018

With contracts signed, firms are now off to create the best in modern education. Everything from classrooms to sports facilities will be developed. This process is about one year, and includes Conceptual/Schematic Design, Design Development & Construction Documents

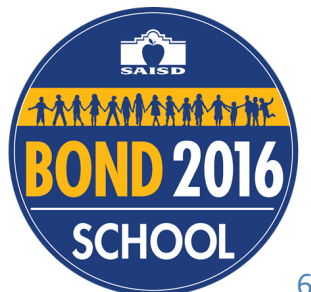
Community meetings will be scheduled in January and February after architects have completed their assessments.

Contractors Procurement

December 2017 – March 2018

Contractors will also be selected. They will work with the design teams to build the facilities.

Bond projects often involve major renovations, in schools that are occupied. Contractors (construction managers at risk or CMAR) will provide pre-construction services to minimize impact.



UPDATE: SCOPE & SCHEDULE – in depth

Preliminary Construction

June 2018 – August 2018

Begin construction during the summer. Onboarding contractors early helps identify projects that can be started while students are out of school.

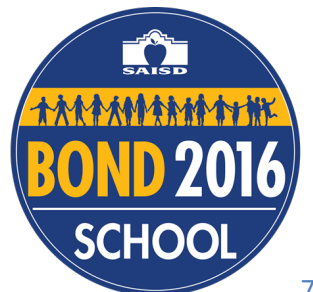
Examples include foundation repairs and restroom renovations.

Major Construction

December 2018 – June 2020

This is the phase where all major construction will take place – and will last 2-3 years. Some projects will finish sooner than others.

Students will experience adjustments by moving to different classrooms. All moves will be planned and will be streamlined to be as seamless as possible.



UPDATE: SELECTION OF ARCHITECTS & ENGINEERS

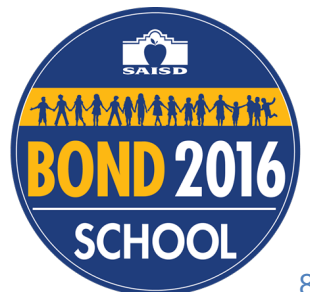
Architecture Firm Submissions

Architects & Engineers selected are now beginning the process in their respective projects.

AG Associates Architects
Alamo Architects
ALPHA Facilities Solutions, LLC
AUTOARCH Architects LLC
Beaty Palmer Architects
Chesney Morales Partners / DJD
Durand-Hollis Rupe Architects, Inc.
Garza Bomberger & Associates
Gignac Architects
GNA Architecture
GRG Architecture
Huckabee
Huitt-Zollars, Inc.
KAI Texas
Lopez Salas Architects
LPA, Inc.
Marmon Mok
McCall & Associates – AIA - Architects

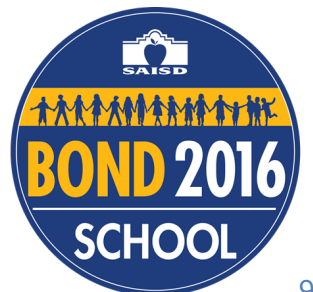
➤ 28 disciplines
advertised
➤ 505 total
submittals

McChesney/Bianco Architecture
Metaform Architects, Inc.
Munoz & Co.
O'Connell Robertson
PBK
Perkins + Will
Pfluger Architects
Richard Sanchez Architects, Inc.
Robey Architecture, Inc.
RVK Architects, Inc.
S K and A, Inc.
Saldana Architects
SLAY Architecture
Smith and Company Architects
Sol Studio Architects, LLC
Stantec
Sunland Group, Inc.
VLK Architects
ZDA Architecture



PROCESS OF SELECTION

- Request for Qualifications (RFQ) Issued April 14, 2017
- Ninety Responses Received May 18, 2017
 - 37 Responses from Architecture Firms
 - 53 Responses from Engineers & Consultants
- Phase I Evaluation Process
 - Three staff members with extensive experience
 - Scored all 37 architecture firms
 - Combined scores and ranked firms
- Phase 2 Evaluation Process
 - Interviewed top ranked 16 firms
 - Recommended 13 for Bond projects
- Board Approval September 18, 2017



UPDATE: SELECTION OF ARCHITECTS & ENGINEERS

Architects & Engineers selected are now beginning the process in their respective projects.

➤ Brackenridge High School

Stantec Architecture, Inc.

➤ Fox Tech HS
Site Master Plan

Munoz & Company

➤ Bowden Academy

VLK Architects

➤ Sam Houston HS

KAI Texas

➤ Davis MS

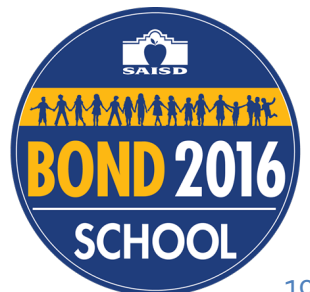
Marmon Mok

➤ Rogers MS

Pfluger Architects

➤ Burbank HS

Garza Bomberger & Assoc.



UPDATE: SELECTION OF ARCHITECTS & ENGINEERS

Architects & Engineers selected are now beginning the process in their respective projects.

➤ Lanier HS

LPA, Inc.

➤ Tafolla MS

Alamo Architects

➤ Irving MS

O'Connell Robertson

➤ JT Brackenridge ES

Chesney Morales Partners / DJD

➤ Davis MS

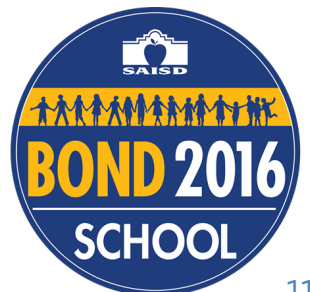
Marmon Mok

➤ Edison HS

PBK

➤ Jefferson HS

Perkins + Will

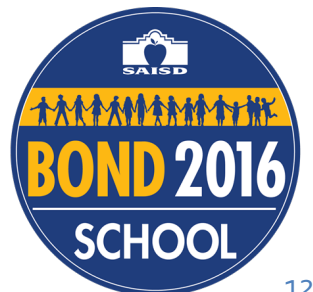


STAFFING



Planning & Construction

Director	Kedrick Wright
Asst. Director	Abigail Grass
Project Managers	Arturo Najera
	Terry Salli
	VACANT
	VACANT
Facility Planner	VACANT
Inspectors	David Alguin
	John French
	VACANT
Communications	Ryan Loyd



Contractor selection

- ❖ Construction Manager at Risk delivery method
- ❖ Two step process:
 - ❖ Step 1 – Qualifications
 - ❖ Step 2 – Cost/Schedule
- ❖ Evaluators
 - ❖ Kamal ElHabr, Associate Superintendent, Construction Services
 - ❖ Kedrick Wright, Director, Planning & Construction
 - ❖ Sylvia Pena, Director, Capital Improvements
 - ❖ Victor Valdez, Director, Construction Support Services



Contractor selection

❖ Procurement Timeline

RFQ advertised	November 17, 2017
Preproposal conference	November 30, 2017
Addendum Issued	December 8, 2017
Step 1 – Statement of Qualifications due	December 12, 2017
Shortlist notifications	January 10, 2018
Step 2 – Cost/Schedule submittal due	January 23, 2018
Board recommendation	February/March 2018



Contractor selection

❖ Evaluation criteria

Step 1

75 points

General Information

15 points

Qualification statement, Offeror profile, SWMBE Certification

Project Experience

20 points

Past K-12 experience, Current K-12 experience, References, Safety

Project Management

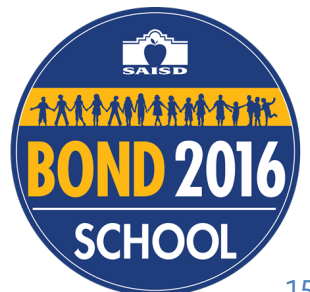
25 points

Subcontractors, Management plan, Cost control management, Schedule management

Financial Resources/Stability

15 points

Financial stability, Financial resources



Contractor selection

❖ Evaluation criteria

Step 2

25 points

Proposed contract amount and schedule

25 points

Construction phase services fee, General conditions cost, Pre-construction phase services fee, Proposed schedule



Master Plan 2030

- ❖ Demographic Study
- ❖ Facility Condition Assessment
- ❖ Educational Suitability Assessment



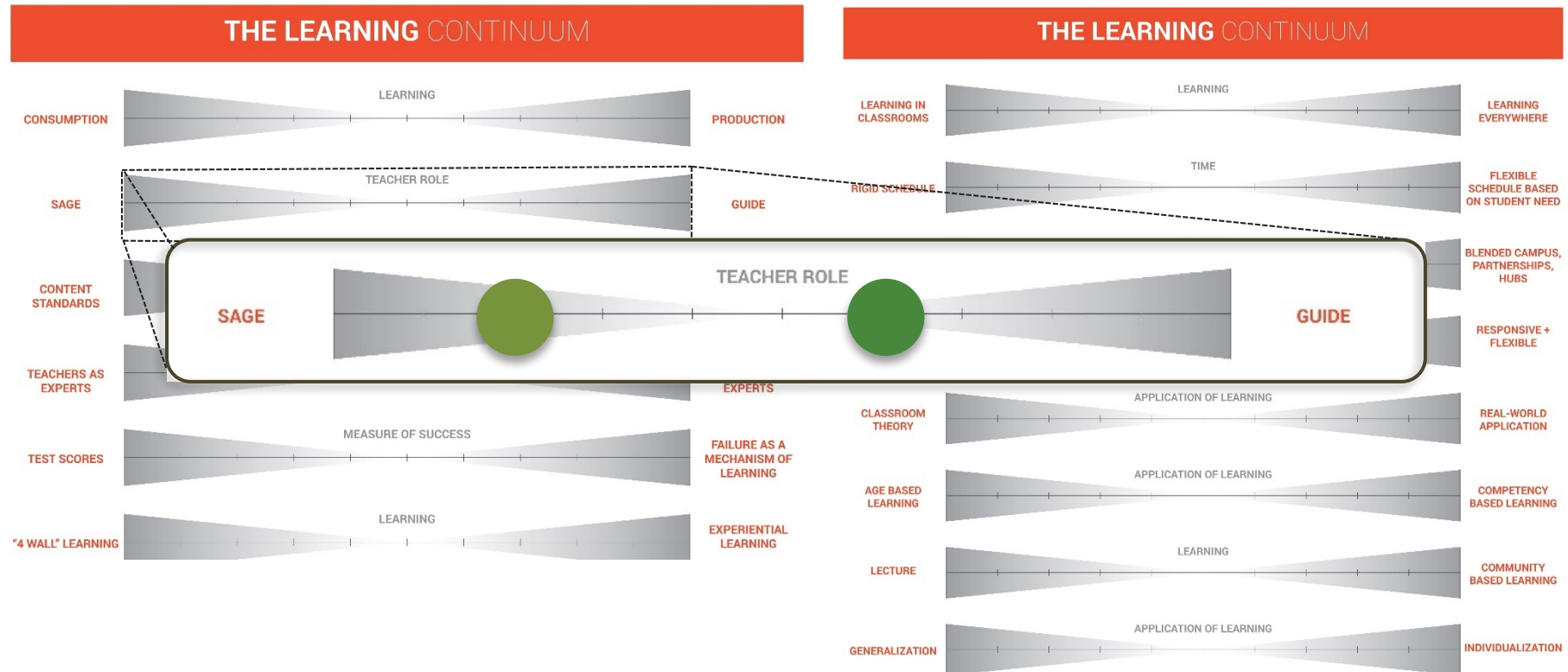
Why do we need a Master Plan?

More than 50% of children entering grade school this year will end up working in careers that haven't even been invented yet.

SOURCE: "Future Work Trends and Challenges for Work in the 21st Century," U.S. Department of Labor

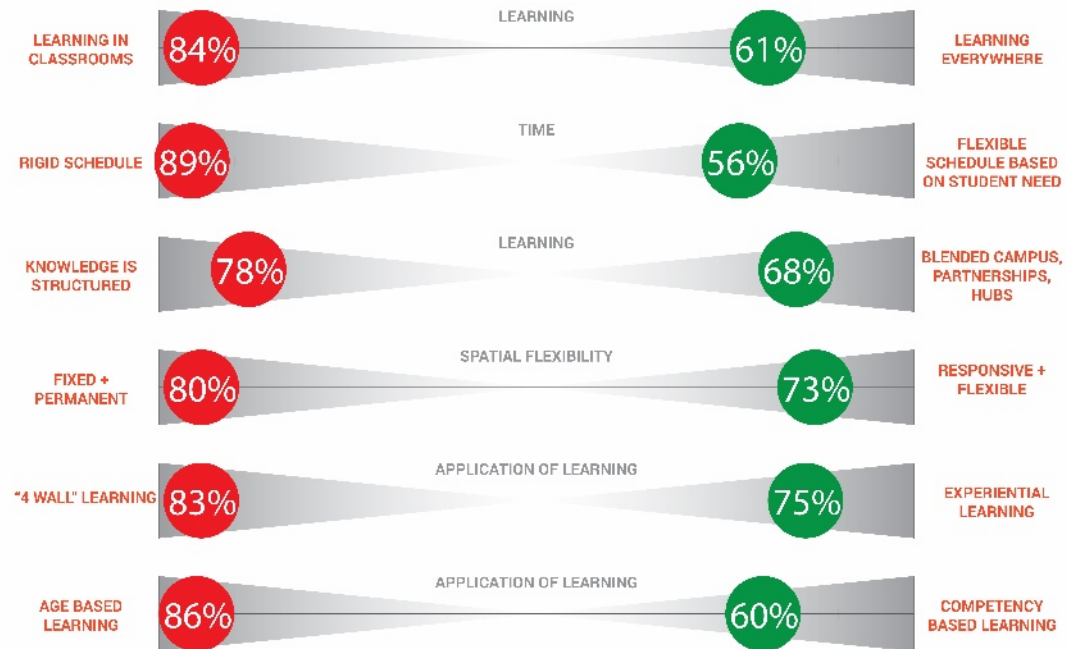


Learning Continuum

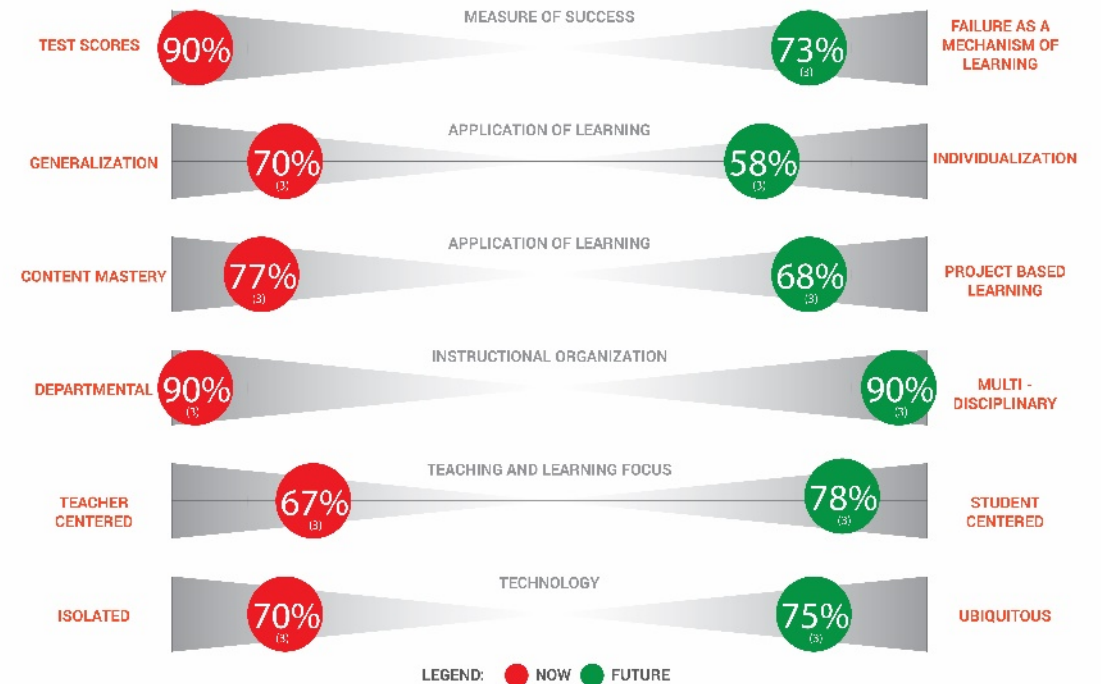


Learning Continuum

THE LEARNING CONTINUUM



THE LEARNING CONTINUUM



A Day In The Life

Rashad is a 16-year-old Varsity Hover-Board Quidditch player and 1st generation American. His parents have high expectations for him to go to college while he dreams of being a Life Coach & Personal Trainer.

Monique is a 8-year-old Cellist and is high-functioning autistic. Her parents encourage her to play in the city orchestra but her dream lies in her own punk rock band, String Theory. She is dedicated to posting a hologram-video daily to her 1.3 million followers.

Frank is a 4-year-old student. His family is homeless and he has three older siblings. His oldest brother has dropped out of school to help support them, he replaces Apple iLens screens for extra cash.

Araceli is a 13-year-old computer science guru. She works freelance in over 27 different countries and dreams of simply dropping out of high school to pursue her business. She is pitching her products on Shark Tank 7.0 in a month.

A Day In The Life

In the year 2030...What will their experience be?

A DAY IN THE LIFE

Hello
my name is

Tell us who you are

Age
Siblings
Family life
Background
What you do
Where you learn
Who you are with
Abilities/Disabilities
How do you learn best

DISTRIBUTION GRAPH

☐ INDIVIDUAL LEARNING
☐ SMALL GROUP LEARNING
☐ LARGE GROUP LEARNING
☐ DIRECT INSTRUCTION
☐ PROJECT BASED LEARNING
☐ COMMUNITY BASED LEARNING
☐ EXTRA CURRICULAR ACTIVITIES
☐

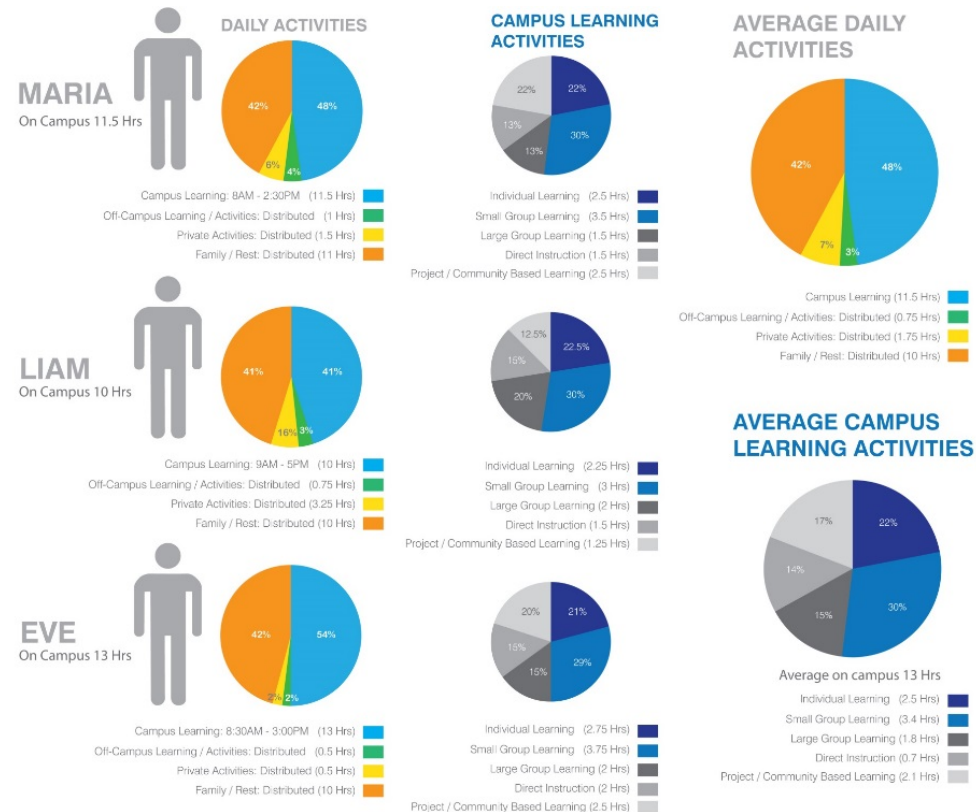
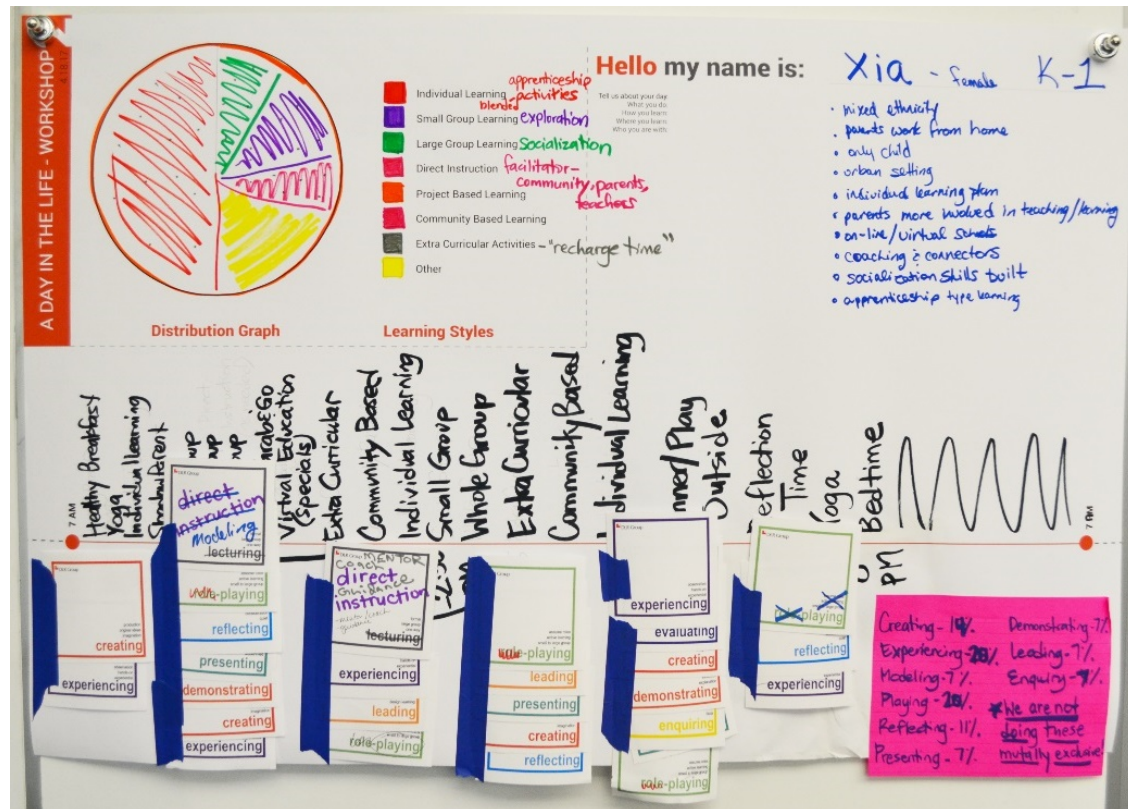
LEARNING SETTINGS

TAM

7PM

DLR Group

A Day In The Life



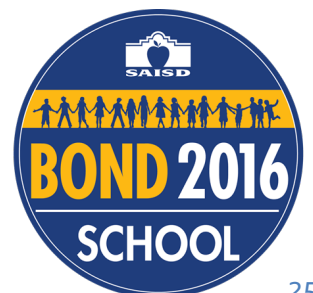
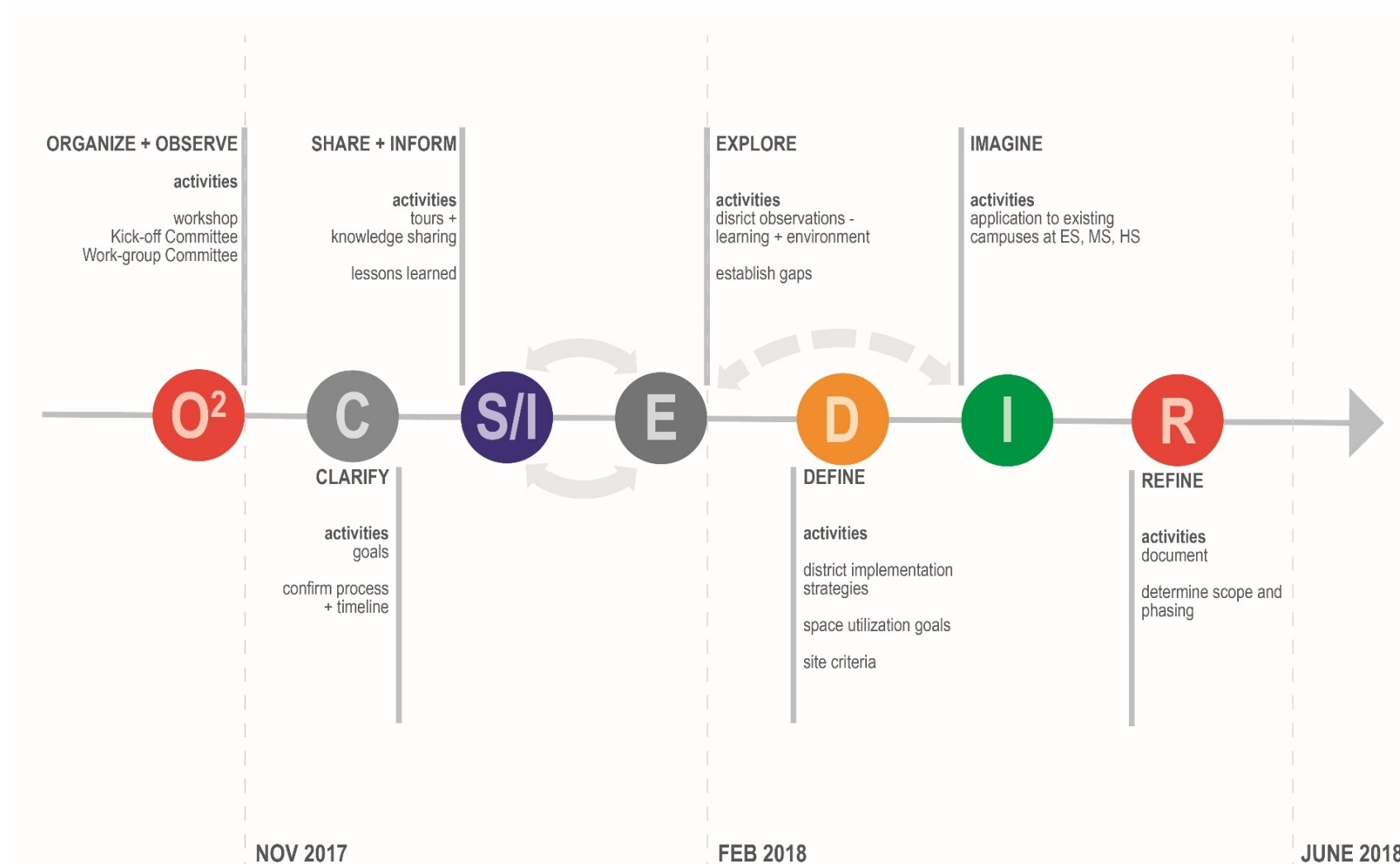
A Day In The Life

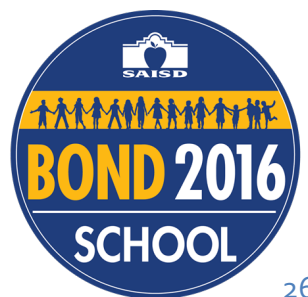
- 12 Individual/self-driven learning
- 11 Connectivity through technology
- 9 Student choice
- 8 Small group/collaborative learning
- 8 Apprenticeship learning

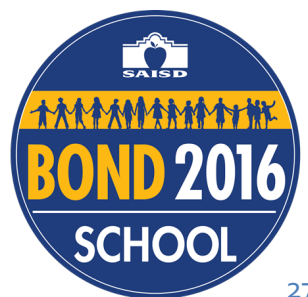
- 7 Interest-based/ability-based learning
- 7 Connectivity-no technology
- 6 Assessment/reflective learning
- 5 Time organization
- 4 One-on-one learning

MASTER PLAN 2030

Process







UPDATE: SELECTION OF ARCHITECTS & ENGINEERS

Architects & Engineers selected are now beginning the process in their respective projects.

Pfluger Arch.
Munoz & Co.
Chesney Morales Partners/DJD
O'Connell Robertson
Next Gen & RVK Arch. Inc
Alamo Arch.
Garza Bomberger & Assoc.
Marmon Mok
Stantec
LPA, Inc.
VLK Arch.
KAI Texas
Perkins + Will
Autoarch Arch., LLC
PBK
Slay Arch.

Architecture Firm Rankings

