

The background of the poster is a stylized illustration of the San Diego skyline at sunset. The skyline is in silhouette against a warm orange and yellow sky. The water in the foreground is a deep blue, reflecting the sky and the skyline. A bridge is visible on the left side, and a sailboat is on the right. The title "Sailing Into the Future" is written in a large, flowing, cursive script across the middle, with "of Urban Education" in a smaller, bold, sans-serif font below it.

Sailing Into the Future

of Urban Education



67th Annual Fall Conference
San Diego, California
OCTOBER 25-29, 2023

Basic Training: Developing Innovative PD Opportunities to Boost Urban Student

October 26, 2024



LAUSD
UNIFIED

Empowering Educators: Cultivating Learner Agency and Collaboration



Sophia Mendoza
Director

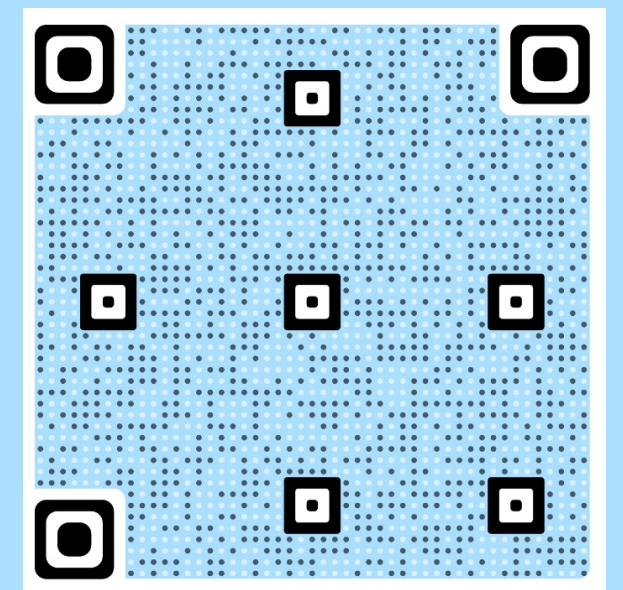
Instructional Technology Initiative

@SMMendoza123

<https://www.lausd.org/iti>



LAUSD
UNIFIED



Agenda

Practitioner Schools

- **Practitioner School Program Overview**
 - Goals
 - LAUSD Strategic Plan
 - Coherence Framework
 - CS & STEAM Focus
 - Essential Components
 - Call To Action



Goals

Practitioner Schools

- Integration of Technology
- Foster Collaboration
- Capacity Building
- Personalized Learning Experiences



Connections to the Strategic Plan

Practitioner Schools



Pillar 1: Academic Excellence

High-Quality Instruction

Enriching Experiences

Eliminating Opportunity Gaps

College and Career Readiness

Pillar 2: Joy and Wellness

Welcoming Learning Environments

Whole-Child Well-Being

Strong Social-Emotional Skills

Outstanding Attendance

Pillar 3: Engagement and Collaboration

Strong Relationships

Accessible Information

Leading for Impact

Honoring Perspectives

Pillar 4: Operational Effectiveness

Data-Driven Decision-Making

Modernizing Infrastructure

Sustainable Budgeting

District of Choice

Pillar 5: Investing in Staff

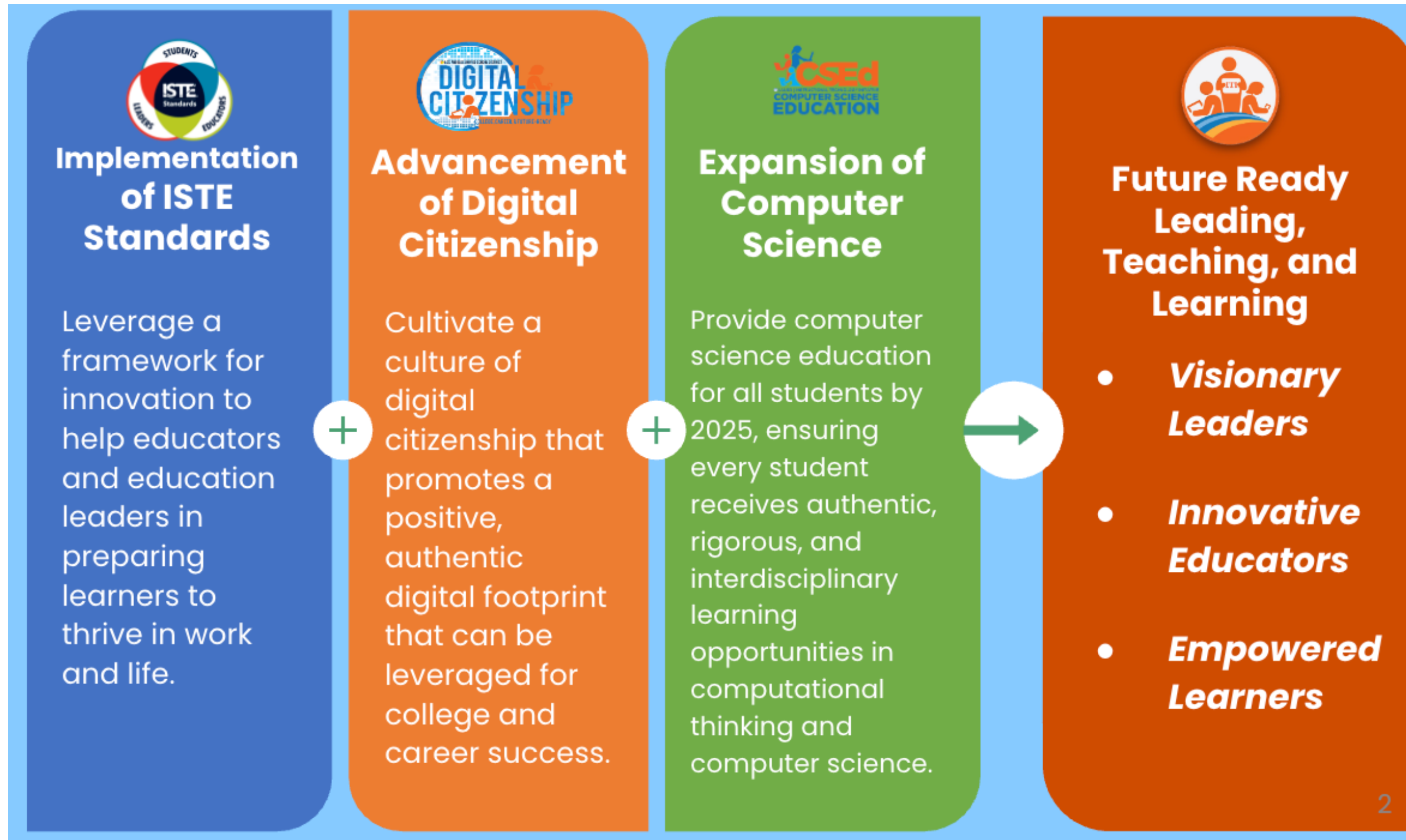
Diverse Workforce

Professional Learning

Staff Wellness

High Performance Standards

Alignment to the Strategic Plan



SCHOOL BASED SUPPORTS

TIER 3

ETO & REGION SUPPORT
High Intensity

Examples: Mandatory intensive PD, curriculum, Priority staffing, Instructional support teams, Weekly School Visits, and school reviews

TIER 2

REGION & CENTRAL SUPPORT
Differentiated

Examples: Regions differentiate support in the implementation of instructional practice such as coaching PD with ILT, Instructional rounds, modeling of practice, data reviews, school visits by Director
*Central Office role is to provide additional support with tools and PD support as needed

TIER 1

CENTRAL & REGION SUPPORT
Available to Everyone

Examples: Districtwide PD, toolkits for PD and additional resources, districtwide policy and communication
*Regional teams are informing and following up with schools

Teaching and Learning Framework



Student and Family Agency

- 1b1: Awareness of Students' Skills, Knowledge, and Language Proficiency
- 2a3: Academic Climate

Culturally and Linguistically Responsive Pedagogy

- 3a4: Use of Academic Language
- 3b2: Discussion Techniques and Student Participation
- 3c1: Standards-Based Projects, Activities, and Assignments

Multi-Tiered System of Support

- 3c2: Purposeful and Productive Instructional Groups
- 3d3. Feedback to Students

English Language Arts Foci

- Students write and defend their argument using multiple sources
- Students listen to peers verbally defend their argument and provide a response/feedback
- Universal Design for Learning (UDL)
 - **Multiple** ways to engage
 - **Multiple** ways to learn content
 - **Multiple** ways for students to show their learning
- Multi Tiered Systems of Support (MTSS)



Math Foci

- Engage students in solving real world problems in a Math task
- Universal Design for Learning (UDL)
 - **Multiple** ways to engage
 - **Multiple** ways to learn content
 - **Multiple** ways for students to show their learning
- Multi Tiered Systems of Support (MTSS)



Program Goal and History

Practitioner Schools

The PS model of support was designed to reimagine and exemplify how schools can leverage digital tools to create rigorous and personalized learning environments for all learners.



**Personalized
Learning**

PS 1.0



**Computational
Thinker**

PS 2.0



**Innovative
Designer**

PS 3.0



**Global
Collaborator**

PS 4.0



**Digital
Citizen**

PS 5.0



**Creative
Communicator**

PS6.0



**Empowered
Learner**

PS7.0

Practitioner Schools Pathway

Level 1, Level 2, Level 3

LEVEL 1

NEXTGEN SITES

This level will entail completing an instructional technology cohort, where the sites will determine their respective requirements and develop a plan for introducing new technology to enhance student learning and engagement.

- Cohort style
- Engage in observations
- Quarterly Professional learning
- Develop a roadmap

LEVEL 2

FUTURE READY SITES

This level will focus on using technology to equip students with the necessary skills for the future, facilitated by an Instructional Technology Facilitator.

- Share best practices, exchange ideas, and learn from each other's experiences.
- Showcase
- School site observations

LEVEL 3

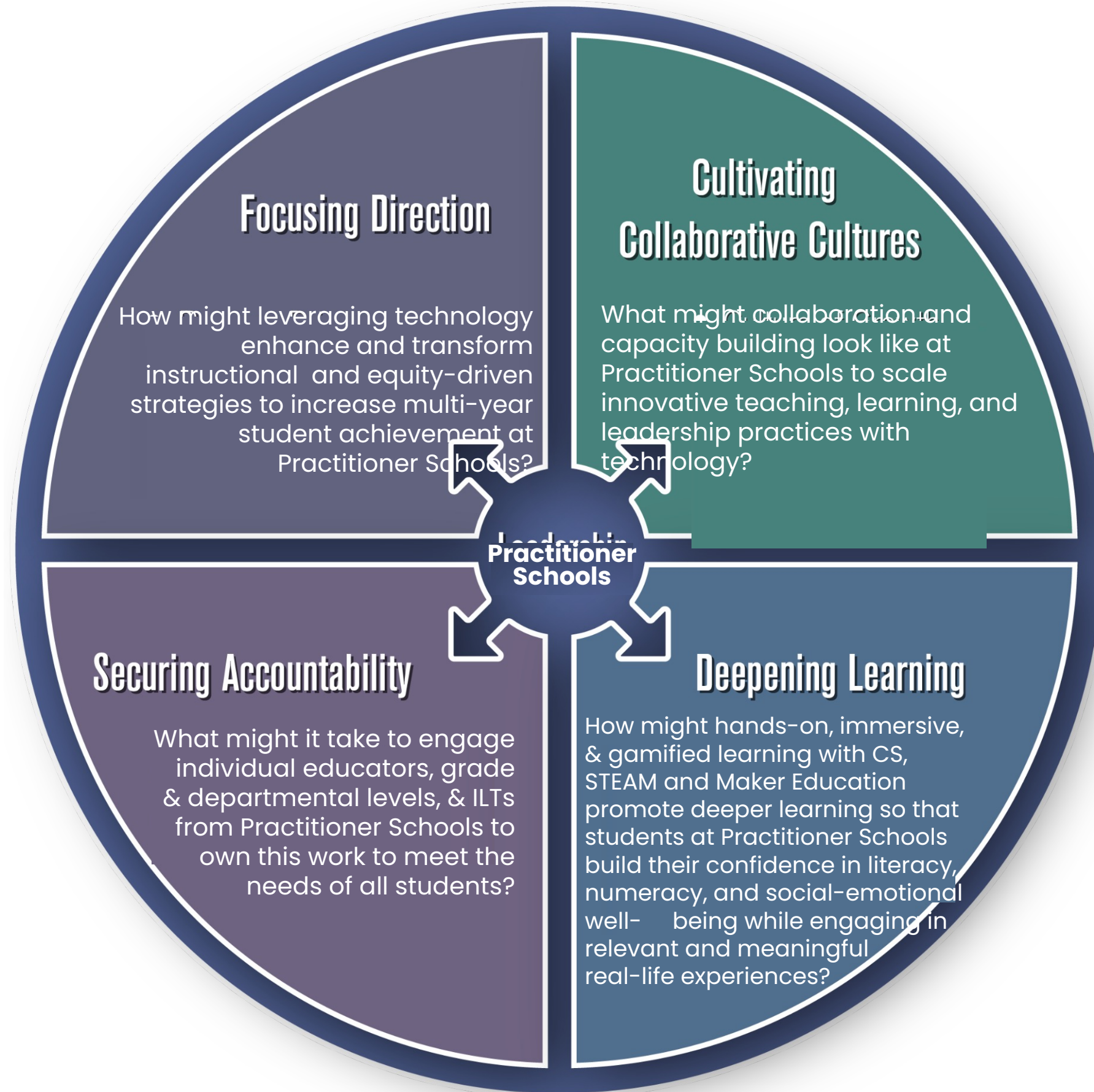
DEMONSTRATION SITES

This level will feature District Models that exhibit future-ready teaching and learning practices, serving as an example for other schools to follow.

- Demonstrate promising practices, exchange ideas, and inspire others
- Exhibitions
- Lesson Studies

LAUSD Coherence

Practitioner Schools



- Focusing Direction:
How might leveraging technology enhance and transform instructional and equity-driven strategies to increase multi-year student achievement at Practitioner Schools?

Instructional Focus

Practitioner Schools

**Computer
Science
(cs)**



STEAM

- Interdisciplinary Computer Science Education, Cybersecurity Education, STEAM, and Maker Education
- Creative, Immersive, and Emergent Technologies

Standards Addressed

Practitioner Schools

- California Common Core State Standards: [ELA](#) and [Math](#)
- Computer Science Standards for California Public Schools: [PDF](#), [XLSX](#)
- [K12 Computer Science Framework](#)
- ISTE Standards: for [Students](#), [Educators](#), [Coaches](#), [Education Leaders](#)
- [UN Sustainable Development Goals or #SDGs](#)
- [Next Generation Science Standards](#)
- [K12 Cybersecurity Learning Standards](#)



Role of the Instructional Technology Facilitator (ITF)

Practitioner Schools

ITFs will facilitate and model best practices through:

Direct Student Supports

- Demo and model lessons
- Collaboratively teach CS & STEAM lessons with the PS Champion
- Differentiating supports based on data
- Facilitation/Co-Facilitation of an After School Club and Level Up Los Angeles Student Build Coding Challenge

Coaching Supports

- Coaching cycles: co-planning, co-teaching, feedback and reflection
- Lesson studies, instructional rounds, data chats
- Professional learning facilitation
- Co-leading family workshops
- Curation of cross-curricular PBL lessons
- Capacity-building supports to localize and adapt their CS & STEAM Lab



Instructional Leadership Team

Practitioner Schools

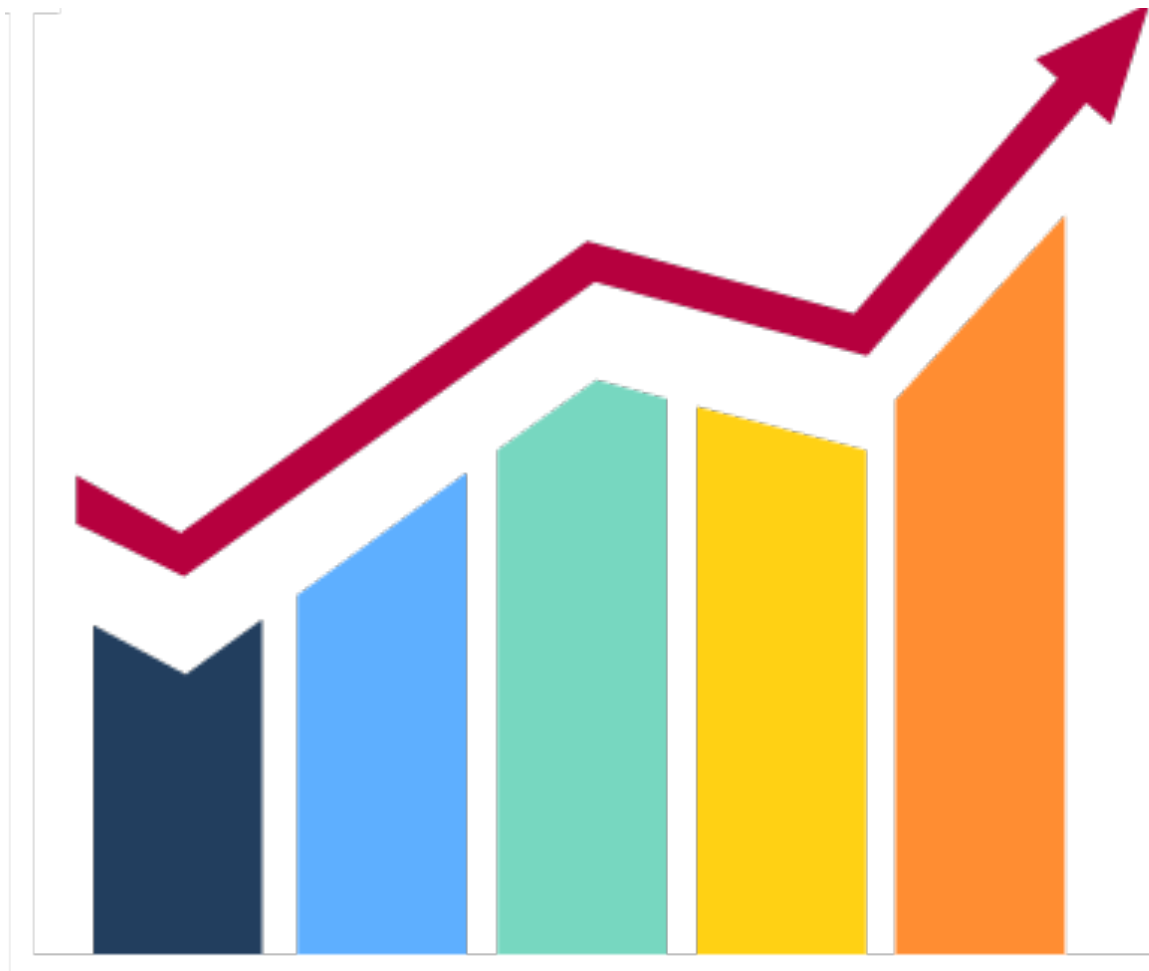
- Principal/Administrator
- Champion
- Teacher



Practitioner School (PS) Champion

Practitioner Schools

Each Practitioner School will identify a PS Champion who is a register-carrying classroom teacher and will work directly with the ITF throughout the year to engage in **data-driven instruction with technology, aligning with the District goals in numeracy, literacy, social emotional well-being, and postsecondary success.**



The PS Champion will work with the ITF to:

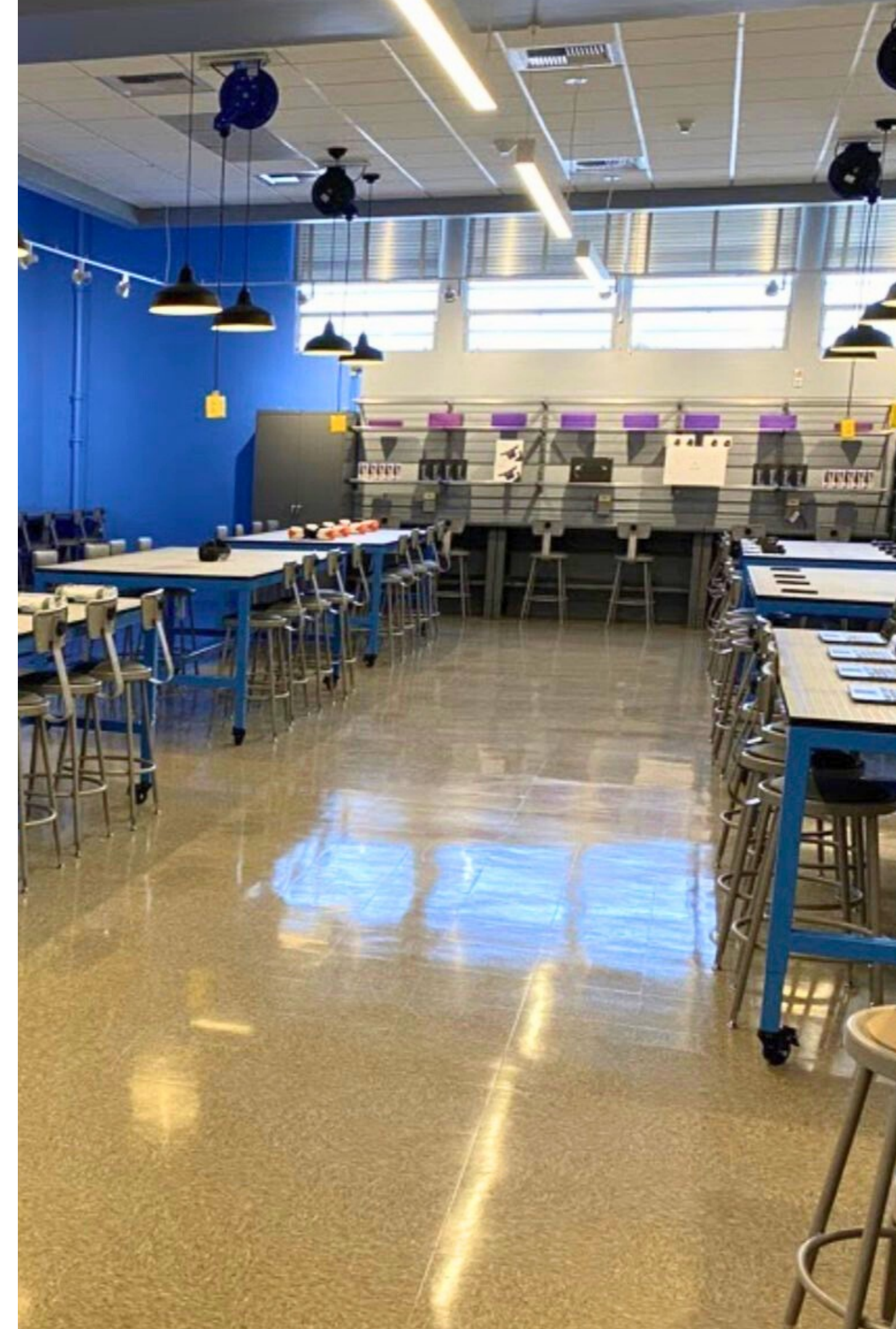
- set baseline goals based on beginning of year data,
- adjust and inform instruction based on ongoing ELA and Math diagnostic or interim assessments, and
- share with others how they have worked in partnership to empower students to use learning data to set their own goals and measure their progress.

CS & STEAM Lab

Practitioner Schools

Practitioner Schools will provide a classroom or space that will be set up as a CS & STEAM Lab.

- Serve as a model for LAUSD to replicate and scale
- ITF and PS Champion will establish the learning environment to provide direct instruction in interdisciplinary Computer Science Education, STEAM, and Maker Education
- Site for demo teaching, co- or team-teaching, lesson studies, workshops, and showcases.
- Host showcases throughout the year for LAUSD leaders, educators, and teams to learn from, particularly during Digital Citizenship Week and Computer Science Education Week



DOI
Division of Instruction

ITS
Information Technology
Services

ITI
Instructional Technology
Initiative

LAUSD
UNIFIED

CS & STEAM Lessons

Practitioner Schools

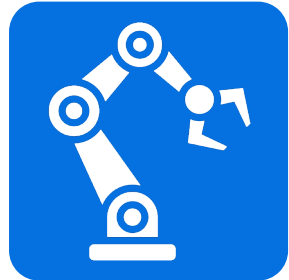
The ITF will create CS, STEAM, and Maker Education lessons, including game-based learning, Esports, and Cybersecurity Education, leveraging creative, immersive and emergent technologies that enhance standards-based classroom lessons to provide students multiple ways to engage in and learn literacy and math content, and multiple ways for students to demonstrate their academic learning.



The PS Champion and the ITF will teach the CS & STEAM lessons following a data-based “Plan, Teach, Reflect” cycle.

Platforms & Tools for CS & STEAM Labs

Practitioner Schools



Physical
Computing
and Robotics



Game-Based
Learning



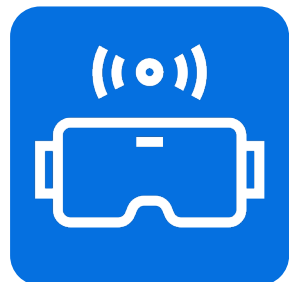
Esports



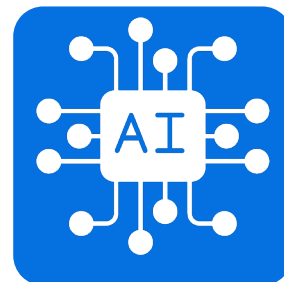
Cybersecurity
Education



Movie and
Audio
Making



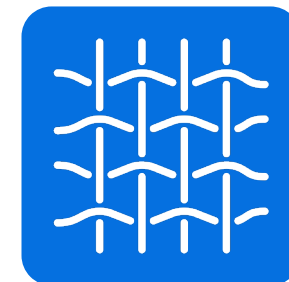
Immersive
XR



Artificial
Intelligence



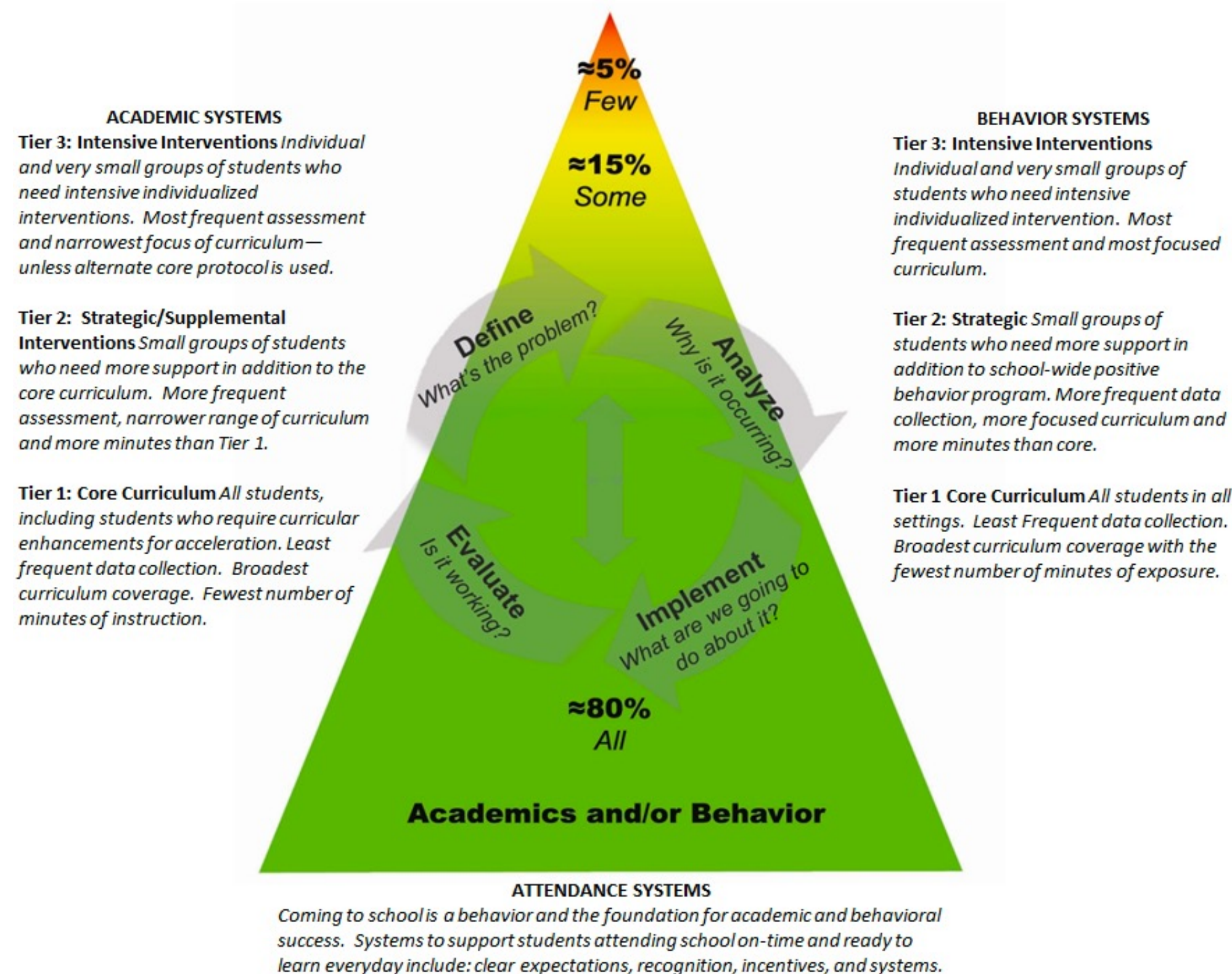
Interactive
Touchscreens



Digital
Fabrication
Technologies

Extended Learning Opportunities

Practitioner Schools



After-school clubs can effectively support the Multi-Tiered Systems of Support (MTSS) by offering targeted academic interventions, enrichment activities, and social-emotional learning programs to students. They can provide a flexible and individualized environment, catering to diverse learning styles and interests.

Each PS Team will work with their ITF to establish an After School Club 1-2 times a week, establishing a school focus for Fall Semester and a focus on Level Up Los Angeles in the Spring Semester.

Impact on Student Achievement

Practitioner Schools

Increased:

- Attendance
- Reclassification Rates
- Numeracy
- Literacy
- SEL
- Student Voice
- Engagement





Call To Action

- Create Opportunities to Foster Collaboration to Build Agency
- Differentiate Instruction with Computer Science & Digital Citizenship Competencies
- Design Extended Learning Opportunities that Build Student Confidence

Basic Training: Developing Innovative PD Opportunities to Boost Urban Student

October 26, 2024



LAUSD
UNIFIED

