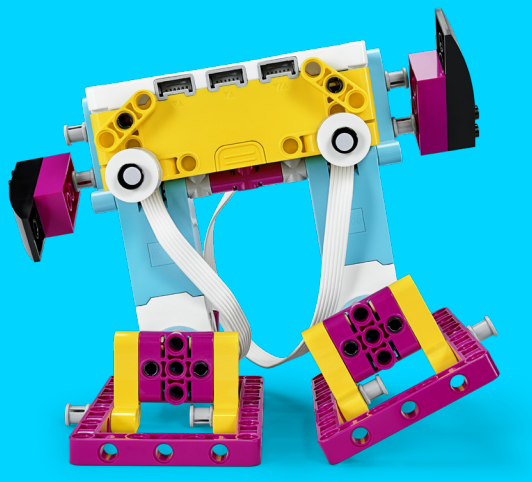
Access and Equity Lead to Excellence: Redlands Unified Schools



Redlands Unified is a culturally and socioeconomically diverse school district in California. Its strategic plan includes a pledge to ensure all students have the opportunity to explore innovative learning experiences such as robotics, coding, and programming. For district leaders, rethinking the way students learned computer science—starting as early as kindergarten—was a key part of the plan.

They needed a program that provided a solid foundation in computer science and engineering design that students could build on year over year. The LEGO® Learning System was a natural fit, allowing them to meet standards and provide equitable access to the curriculum and learning resources.

Redlands Unified School District at a glance

22

elementary and middle schools out of 25 total schools

70%

socioeconomically disadvantaged students

70%

students of color

20,000

total student population

The District's Challenge

Providing *all* students with a strong foundation in computer science skills beginning at the earliest levels. And fulfilling the two key promises below outlined in its strategic plan.

1 Enhanced learning through innovation

Goal: Set up all students for future success in school and life by providing opportunities to explore learning experiences through robotics, programming, coding, and more.

2 Equality through equity

Goal: Prepare teachers with the professional development and resources that allow them to best support their students. Close the achievement gap in underperforming schools by providing equitable access to the curriculum, resources, and learning tools.

Why the District Selected the LEGO® Learning System

Standards-aligned

Provides an end-to-end, interconnected, and scalable STEAM learning system that meets district-wide mandates

Equitable access

Accommodates students of all backgrounds and learning styles by using the familiar—LEGO® bricks, minifigures, and age-appropriate hardware—to bridge the unfamiliar

Scaffolded curriculum

Facilitates continuity across grades to help students build their knowledge and skills, while also offering the flexibility to accommodate independent learning

Teacher training

Includes a competency-based professional development program that helps build teacher confidence and produce transferable instructional skills and strategies aimed at fostering student success

The Results

3,000+

students in Grades K-5 learning computer science and engineering design with the LEGO® Learning System

100+

teachers using the LEGO® Learning System in their classrooms after completing professional development

The Response

It really entices students to want to be successful. They automatically become critical thinkers because they want to do something better each time and challenge themselves.
–***Teacher***

I liked working with SPIKE Prime. There were some tough challenges, but I managed to complete it. I can't wait to do more with SPIKE.
–***Student***

I love it so much I would do it every day if we could!
–***Student***

We have seen students, who may not necessarily thrive in a traditional classroom setting, thriving with the hands-on experiences offered by the LEGO® Learning System.
–***Teacher***

This was the best project I have ever done!
–***Student***

Are you ready to explore the LEGO® Learning System and bring standards-aligned, hands-on computer science to your elementary and middle schools? Visit: education.lego.com/shop today!

LEGO education