LEGO education™

Washington County Public Schools

Partnering with LEGO® Education to meet *Computer Science for All* requirements while ensuring access and equity

The Challenge

The Utah state government launched a Computer Science for All initiative in 2019 with the hopes of ensuring access and equity for all students when it comes to a robust computer science learning experience. Washington County didn't have the resources to meet the requirements handed down from the state. They needed a k-12 solution that could scale to the 57 schools in the district that serves a population of over 155K spread across 2,247 sq. miles.

The Solution

Initially the district ordered 210 LEGO® MINDSTORMS® Education EV3 core and expansion sets to disburse across 14 schools with support and training that ensured success despite Covid-19 limitations.

In 2020 additional state funding allowed them to purchase a full continuum, from LEGO® Education Coding Express right up to LEGO® Education SPIKE™ Prime. Currently they're working with the LEGO® Education solutions team on content to implement across all levels as well as planning for growth!

The Impact

Rooted in access and equity this implementation is fostering and growing engagement in STEAM learning experiences for the district's population of more than 34,000 students many of which are from underrepresented groups. All the while the district is able to meet core standards and integrate computer science in all disciplines.

District faculty is also leveraging the new LEGO® Education Professional Development platform to build the confidence and knowledge base of more than 120 teachers.