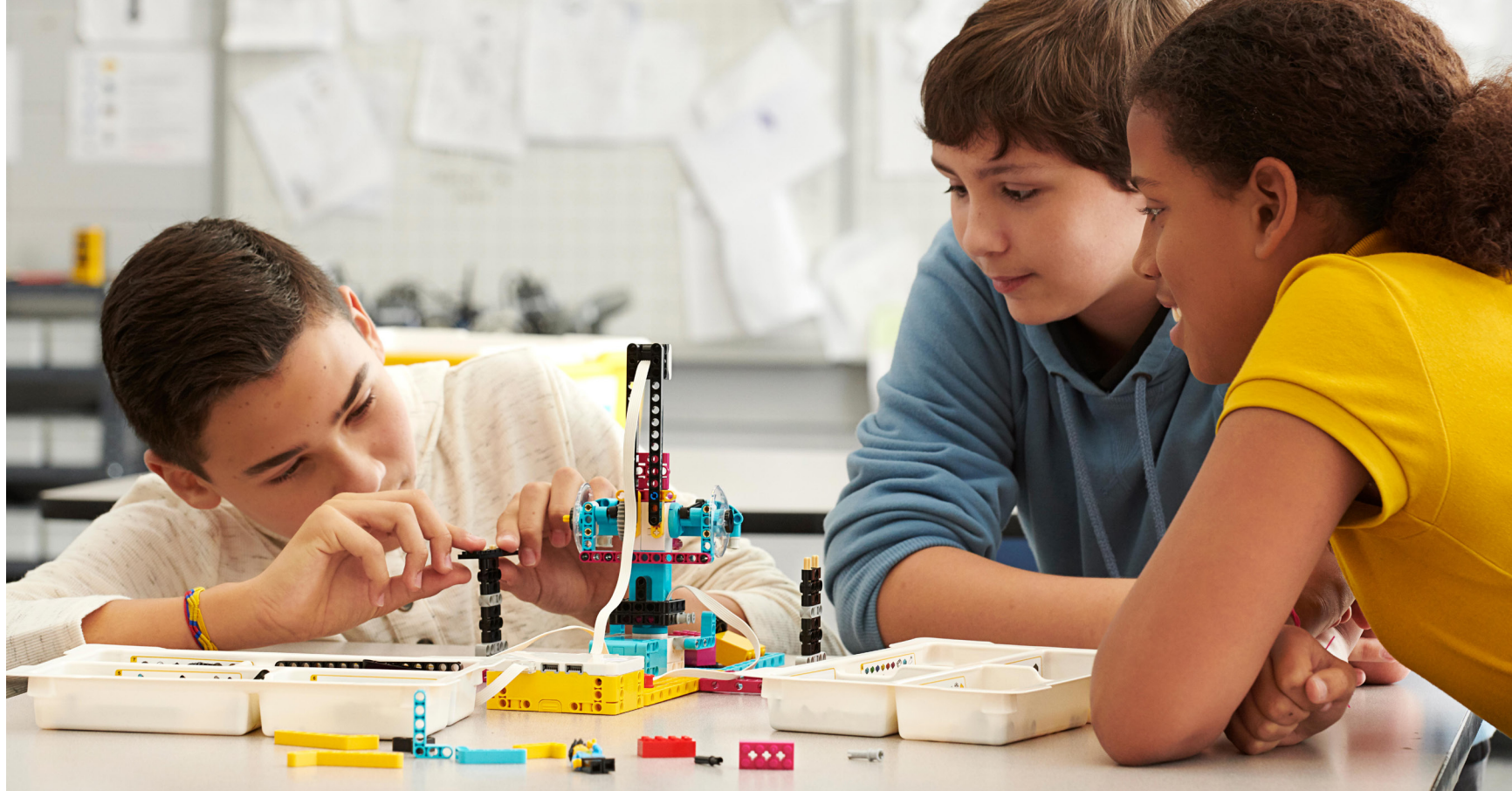


Loudoun County Public Schools

Expanding the
breadth and depth
of middle school
computer science
programs.



The Challenge

Loudoun saw the success of their computer science programs specifically with the use of LEGO® Education WeDo 2.0 and LEGO® MINDSTORMS® Education EV3 and wanted to provide more students with access to these playful STEAM learning opportunities. At the same time they were looking to raise the ceiling in their middle school programs in a way that was highly engaging and easy to implement.

The Solution

Increasing the number of LEGO® Education WeDo 2.0 and LEGO® MINDSTORMS® Education EV3 sets to accommodate as many students as possible.

Then Loudoun took their program to the next level for students in grades 6 - 8 with LEGO® Education SPIKE™ Prime. The easy entry point and unlimited possibilities made it a natural fit for boosting confidence, engagement, and progression of skills.

The Impact

15,000 students will benefit from new access to LEGO Education's STEAM Learning solutions. And if school resumes in person in 2021-2022 Loudoun anticipates that number growing exponentially.

By expanding their programs they've set up a progression of skills that will lead to more students who are confident and prepared to thrive and pursue STEAM subjects and career paths.