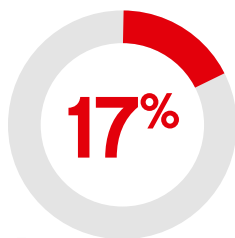


# Bring Real-World STEM Experience to High School Students

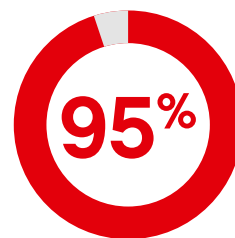
Help students build 21<sup>st</sup>-century skills like critical thinking, communication, and collaboration while giving them hands-on experience with LEGO® MINDSTORMS Education EV3.

**2M** 

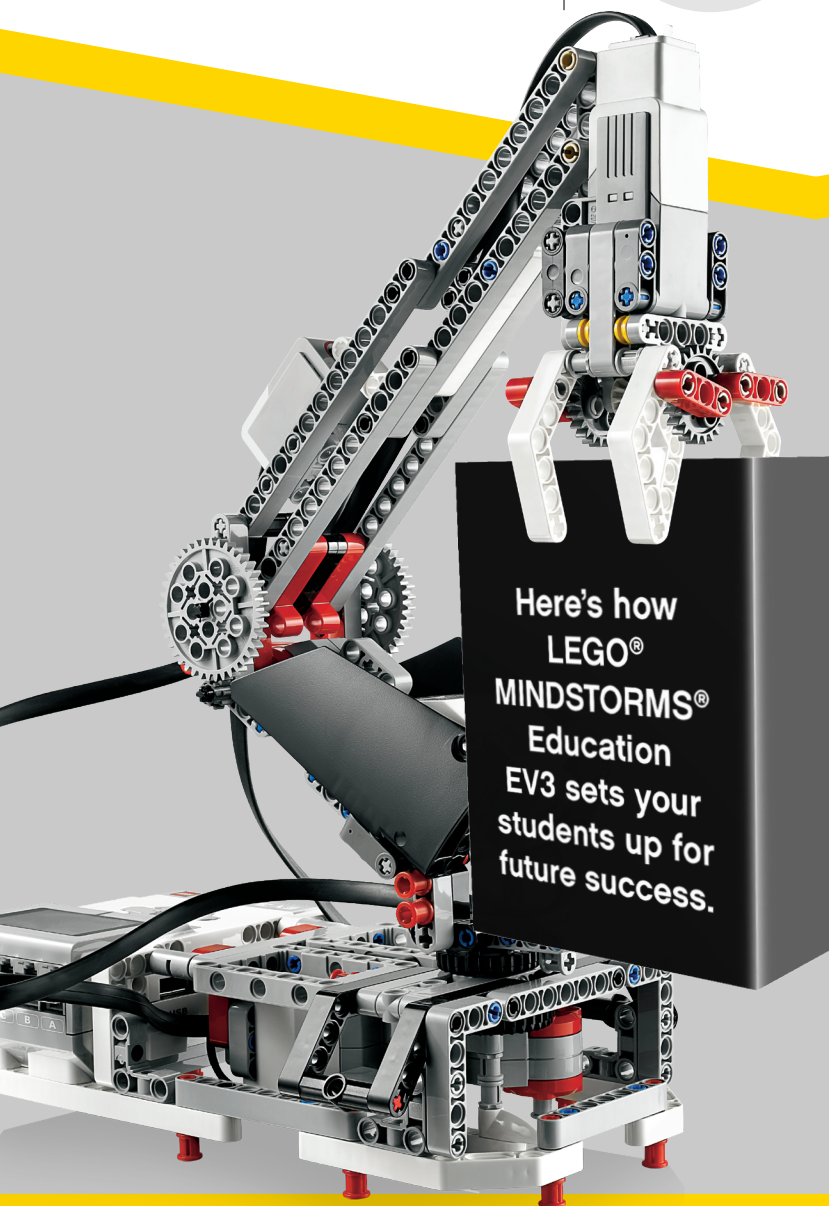
By 2020, over 2 million jobs will be in STEM-related fields.<sup>1</sup>



Only 17% of students are “very confident” when it comes to STEAM learning.<sup>2</sup>



95% of teachers believe collaboration on hands-on builds confidence in STEAM subjects.<sup>2</sup>



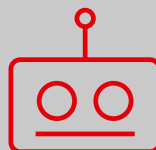
## Unleash the Power of Python to Explore AI and ML

Experience real-world applications of Python while building a foundation to explore advanced concepts like Artificial Intelligence and Machine Learning.



## Prepare Students for STEM Career Pathways

Open your students' minds to STEM careers, setting them up for success in college and/or the workforce through Career and Technical Education pathways.



## Explore Real-World Computer Integrated Manufacturing Lessons

Whether your students are building a factory conveyor or programming a CNC drawing machine, they will gain real-world engineering and robotics experience.

<sup>1</sup>Freeman, A., Adams Becker, S., Cummins, M., Davis, A., and Hall Giesinger, C. (2017). *NMC/CoSN Horizon Report: 2017 K–12 Edition*. Austin, Texas: The New Media Consortium.

<sup>2</sup>This survey was conducted online by The Harris Poll, February 2019, 5,002 students, 5,001 parents, 1,152 teachers, on behalf of LEGO® Education.

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