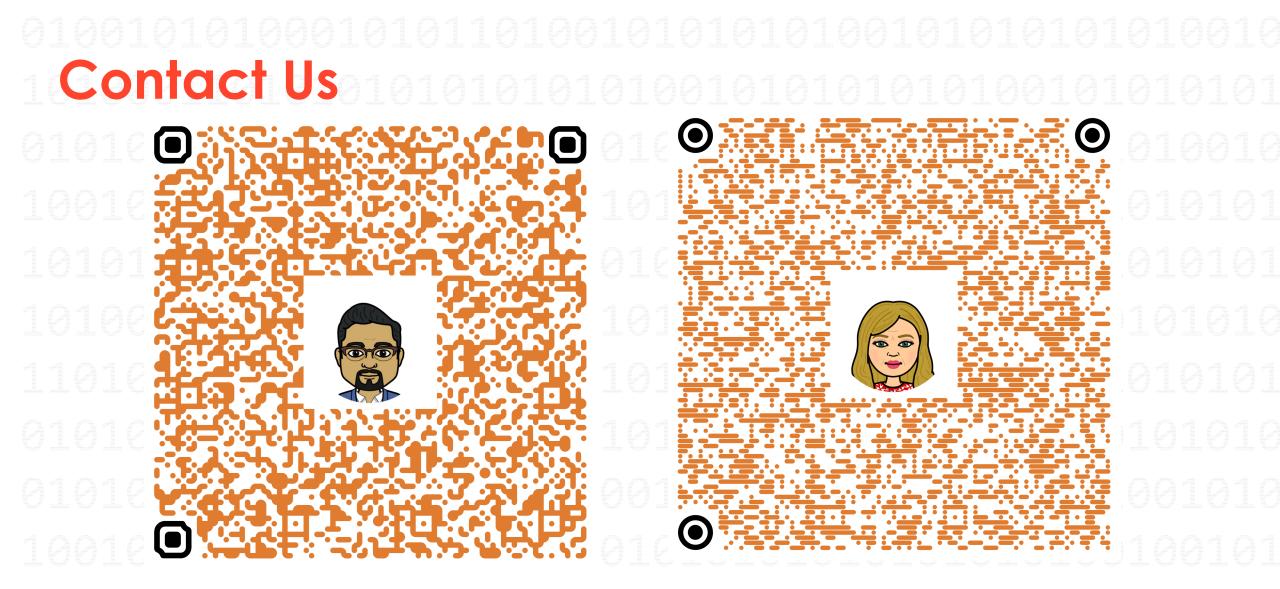
Coding in the Classroom



STEM Teacher

Luz P. Aguirre STEM Teacher



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A brief overview...101 Computational Thinking 5 Steps to Start Coding Some Resources An Interactive Look at Python



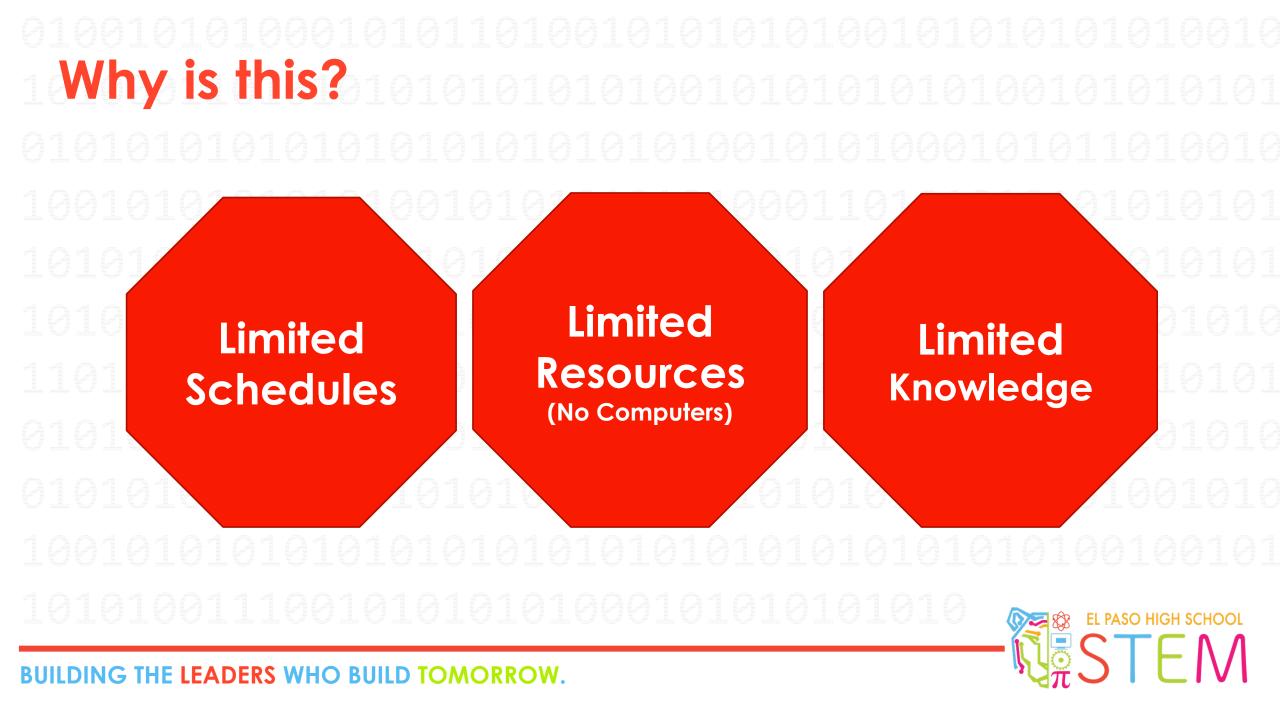
"Everybody in this country should learn to program a computer, because it teaches you how to think." --------Steve Jobs

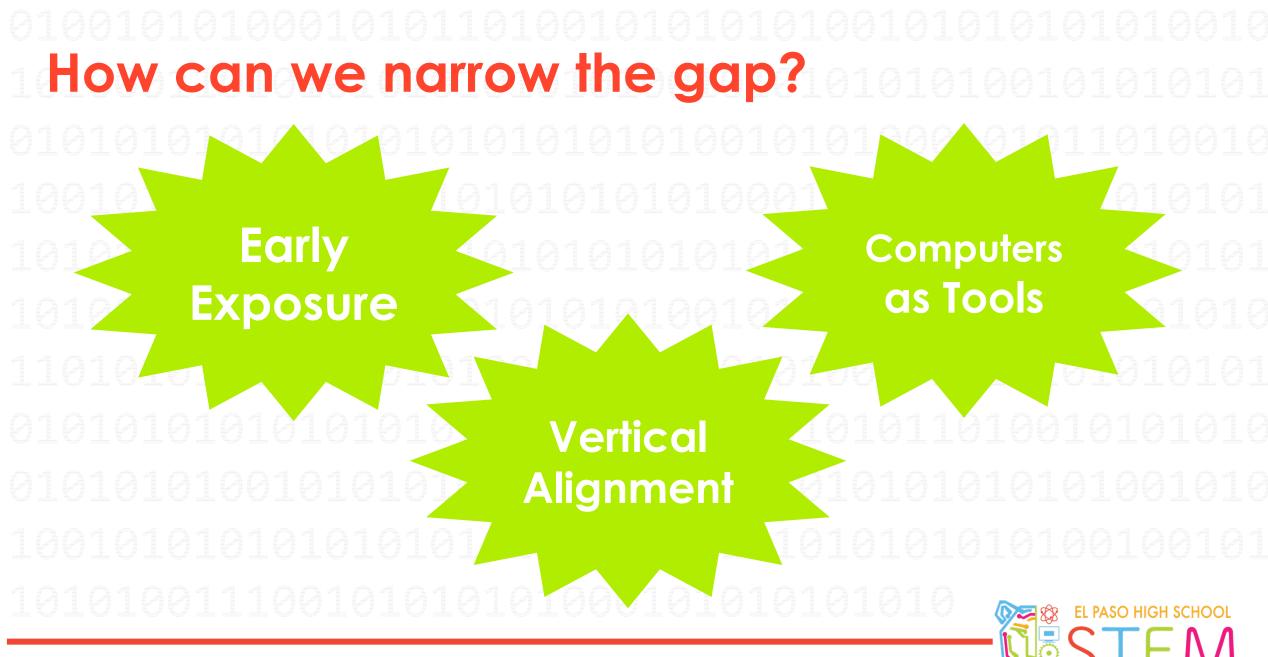


CODE.org states... Computer science drives innovation in the U.S. economy and society. Despite growing demand for jobs in the field, it remains marginalized throughout the U.S. K-12 education system.

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Kids want to code: A 101001010101010101 Students have an intrinsic desire to make their devices do useful things; they see it as "cool." Technology ignites interest and motivates students to learn.



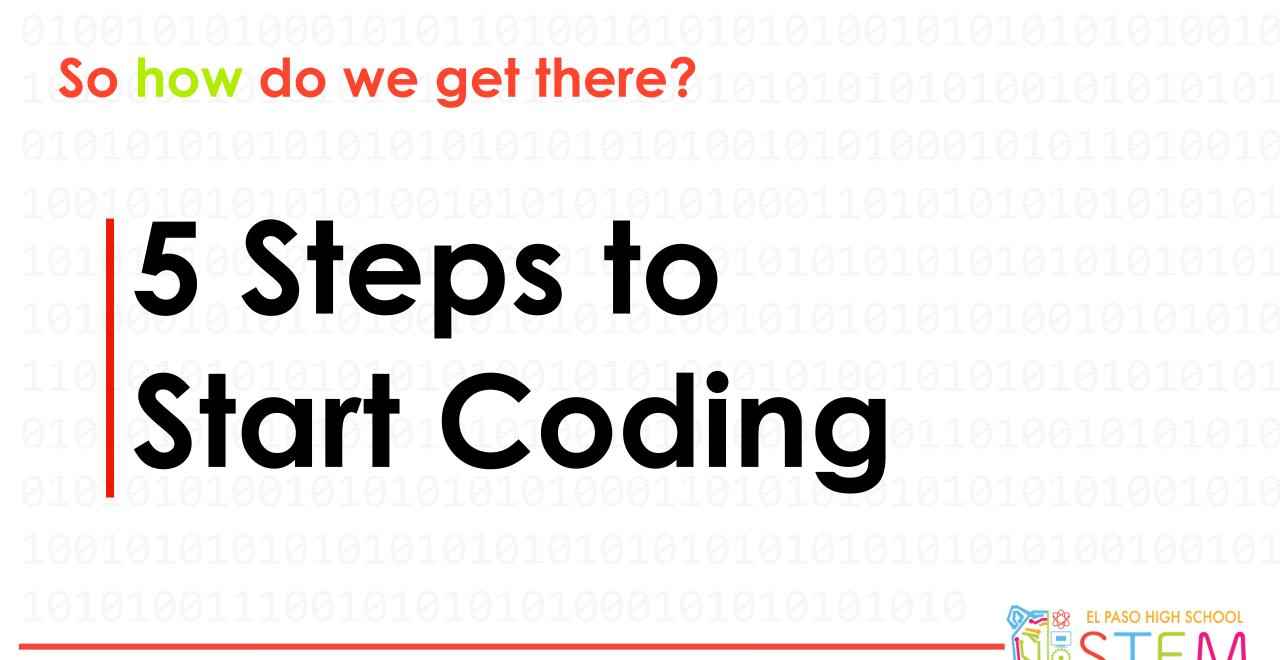


While 'cool' is well, cool at 919191919191919191919191 What matters is the lasting benefits of learning these skills...

0101 Pro	Problem Solving		Collaboration		Persistence	
0101010	1007)101016	01010
	101 Logical	Thinking	Commun	ication	101001	100101
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Get Connected

There are plenty of educators in your community already coding in their classrooms.

The internet makes many resources available to educators and students.

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You don't need computers to code! Programming fundamentals can be taught using nothing more than paper, makers, and willing students.

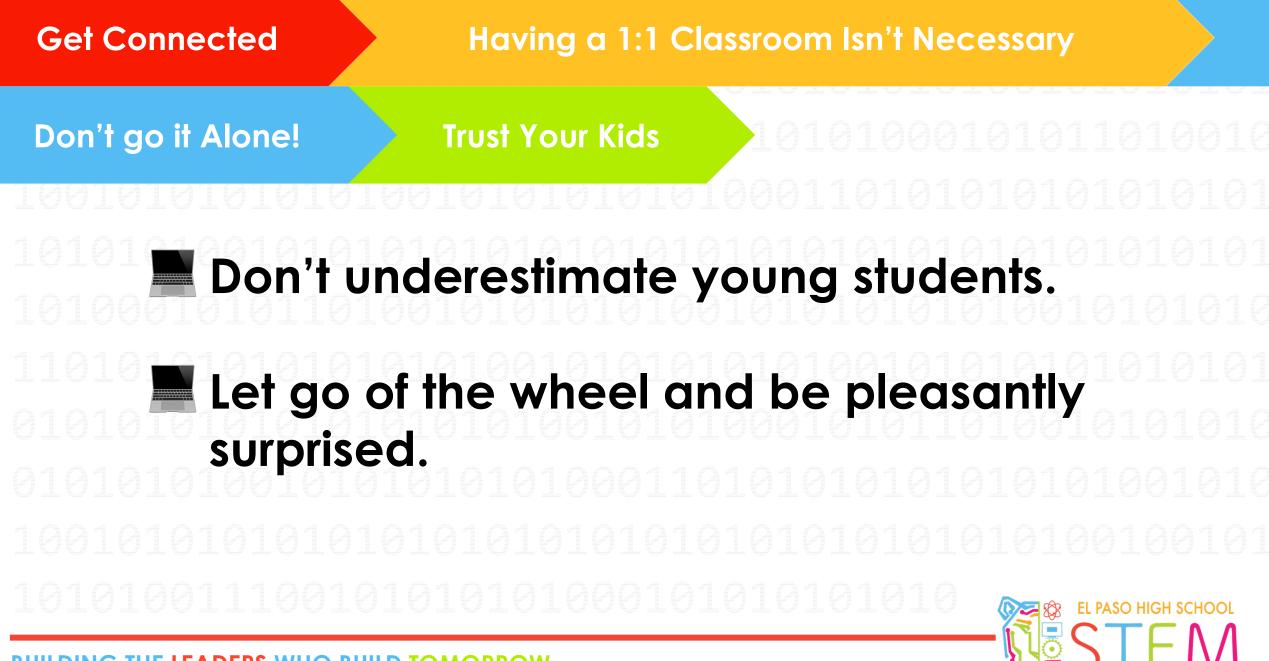
Don't go it Alone!

Chances are there are other teachers who want to implement coding in *their* classroom.

Reach out to your district office, experts typically on-hand to assist with technology integration.

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Get Connected

Having a 1:1 Classroom Isn't Necessary

Don't go it Alone!

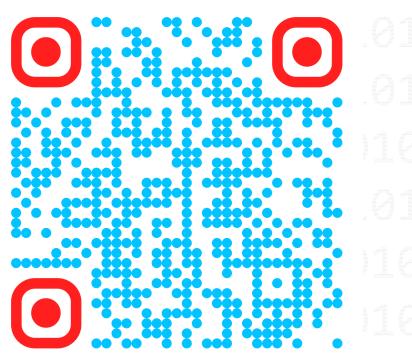
Trust Your Kids

Make it Fun!

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10 This presentation along with the Beginner's Resources guide 1 can be found on 0 our website. 01



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BUILDING THE LEADERS WHO BUILD TOMORROW.

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Scratch

Coding in the Classroon

