Our Vision

At the heart of every kid lies a wealth of curiosity and imagination. Piper's mission is to inspire kids to unlock their innate creative potential, and in turn, inspire the next generation of inventors. Today's kids have over abundant access to technology phones, computers and gadgets that come in beautiful packages, but leave no room for tinkering or understanding how it works. This figuring out, and understanding to how things work is critical to understanding and making sense of our environment and futures. Piper impacts kids globally by growing confidence around being creators of technology instead of passive, inactive learning consumption. Piper creates inspiring, thought provoking and confidence building solutions that inspire and empower the creators of tomorrow to build, explore and tinker with technology, to help them invent the future.

About Piper:

Headquartered in San Francisco CA Piper, is an award winning and leading STEM education company that empowers inventors of tomorrow through technology-driven play. The Piper team is made-up of inventors, parents, scientists, artists, engineers, dreamers and explorers. Led by Princeton graduate Mark Pavlyukovskyy and MIT graduate and Stanford fellow Dr. Joel Sadler, Piper launched in 2014 and has raised $10.1 million in funding from Owl Ventures, Reach, SV Tech Ventures and Stanford's StartX Fund. The Piper Computer Kit helps kids build confidence through hands-on learning about electronics, coding and more, and used by more than 500 schools throughout the United States and in more than 750 schools worldwide. Piper is the leading STEM educational toy on Amazon, and is available to consumers via major retailers and directly from the [Piper website](#).

Dr. Joel Sadler, (Mit/Stanford), Time Magazine top 50 inventor of the year, joined as a co-founder in 2014 while he was completing his Stanford thesis entitled "Enabling Novices to Prototype Electronics."

The Piper Computer Kit, Piper's first product, was launched in 2015 with a successful Kickstarter campaign that raised $282,000 and received an endorsements from Apple creator Steve Wozniak and Facebook founder Mark Zuckerberg. In 2016, a $2.2M seed round of funding was closed and the Piper Computer Kit went global with sales to

schools and parents in over 20 countries. Piper Computer Kit remains the highest rated STEM product on Amazon.

Piper Computer Kit
The Piper Computer Kit is a STEM product, for kids 8 - 14 to learn how to build and program electronics at home or at school.

Kids begin the Piper experience by building the Piper Computer Kit, a fully functioning computer, following a real engineering blueprint. Once built, kids play our educational Raspberry Pi Edition of Minecraft games that teaches them electronics in the game and then instructs them to build an electronic smart device that powers up the game.

Parents and teachers love that kids are engaged while learning complex engineering. Kids love the experience of playing games and building electronics.

Learning Development
Creative confidence is the measurement we look to impact with students. We have conducted Stanford developed surveys and found that kids who use Piper show an 25% growth in creative confidence around building electronics. That number grows to 54% for kids that rate themselves with low confidence when starting a Piper program. These results are from 78 sixth grade students who completed Piper lessons at two different schools.

As students progress through Piper curriculum, kids learn the electronics and programming skills necessary to invent solutions to the problems that surround them. These skills include building, parallel circuitry, breadboarding, problem solving, critical thinking and growth mindset.

Our Motivation
Every day, there are countless of kids all over the globe who change their perception of their abilities and what they believe they are capable of by engaging with Piper. Seeing the difference we make in the lives of these kids is both exhilarating and humbling.