



Join the Revolution

Our Story



In December 2016, an engineer, educator and entrepreneur manifested a vision...

Join Us Today



It is Our Mission...

to create an open opportunity for kids and teens from diverse backgrounds to discover a passion for and the possibilities of science, technology, engineering and math (STEM) through project-based learning, peer-to-peer collaborating, adult mentoring, and career building.

**Always Fun and Always Free
for All Who Participate.**

Join Us Today



Weekly STEMrev Clubs



Exploring Simple Machines at Manhattan



Designing, building and testing popsicle stick bridges at Diagonal Court

Fun Hands-on Projects

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Engaging Field Trips



Construction Site Tour



Mentoring Young Women in STEM

Mentoring and Career Development

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Inspiring Ingenuity and Opportunity for the Future



Sheet Metal Apprenticeship School



CU Boulder NASA Lab

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Nurturing New Talent for Our Workforce

“The US has to regain its prominence in science if we are going to maintain our role as a flourishing, leading super power.”

- Business Insider

“Close to 60 percent of the nation's students who begin high school interested in science, technology, engineering, and math change their minds by graduation.”

- US News and World Report

“Science and engineering occupations are at the leading edge of economic competitiveness in an increasingly globalized world.”

- The Atlantic

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Exploring All Avenues for Young Minds and Hands to be Successful

“Apprenticeships and other work-based learning opportunities are a foundational piece of creating and maintaining a talent pipeline for Colorado’s businesses.” - Governor Hickenlooper



Hickenlooper, on national TV, calls for bipartisanship on job training for high school graduates

The Colorado governor brought up workforce training after moderator John Dickerson asked what issues besides healthcare both parties should be [...]

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STEMrev has Exponential Growth Over 18 months

Spring Semester 2017



1 Location – 10 Kids

Fall Semester 2017



2 Locations – 15 Kids

Spring Semester 2018



2 Locations – 25 Kids

Fall Semester 2018



3 Locations – 50+ Kids

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STEMrev's Organic Growth Enabled Through Community Support



University of Colorado
Boulder

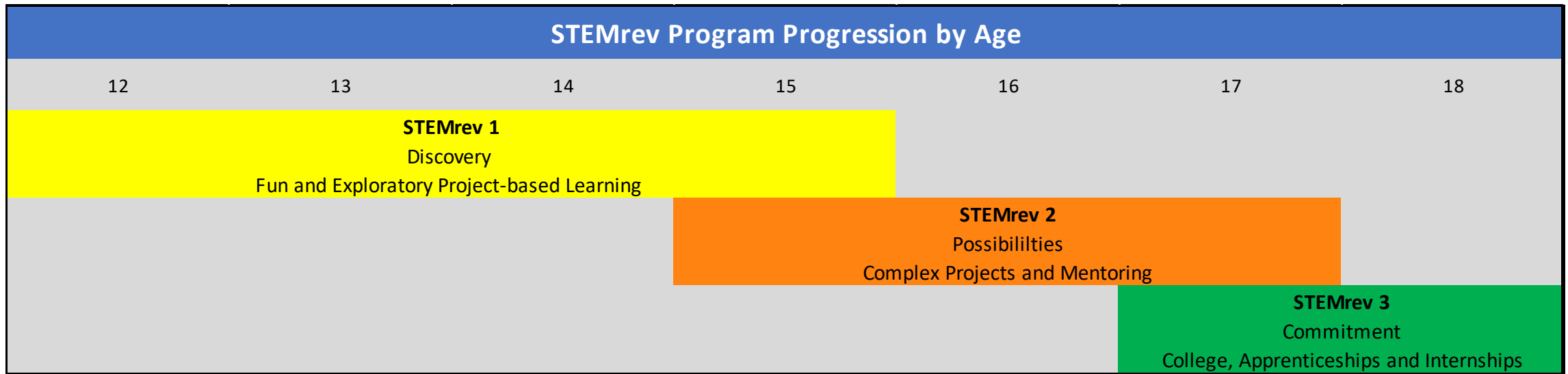


And, 50+ individual donors

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A plan for developing kids with passion, interest and aptitude, and guiding them to the right educational opportunities for the real-world workforce



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STEMrev 1.0

Is for *all* kids 8 to 14 who want to have fun and explore STEM in an after school club through fun, skills- building projects.

STEMrev 2.0

Is for teens 12 to 15 who want to continue to explore STEM in an after school club with more challenging, hands-on projects and exposure to bigger concepts.

STEMrev 3.0

Is a self directed opportunity for committed teens 15 to 18 years old who **want** to develop their passion for and the career possibilities in STEM.



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2019 – Scaling the Program

With corporate and individual sponsorship, we are poised for bringing STEMrev to more kids in more communities.

Our goals for 2019 are:

- One part-time paid staff member
- Package projects for easy deployment of project at more sites
- Grow our volunteer training program enabling more to lead STEMrev Clubs
- Physical location for STEMrev Headquarters
- Expand into more City of Boulder Family Resource Schools
- Continue to grow our presence in Boulder County low income communities and beyond

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Ways to Help the Revolution

- Corporate or individual sponsorship
- Volunteers and project ideas for our Level 1 kids
- Mentors and project ideas for our Level 2 and Level 3 kids
- Apprenticeship and internship programs for our Level 3 kids
- Networking and fundraising connections
- Board-level support and ideas for growth and success

Join Us Today



Get Involved Today

Together we can make a difference in the lives of young people and the future of American ingenuity and competitiveness.

Email cat@stemrev.org or call her at 970-270-8394
to add your support to the STEMrev revolution!



@stemrev
stemrev.org



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