

## John Kalas

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**From:** brian@steammaker.org  
**Sent:** Thursday, June 23, 2016 1:25 PM  
**To:** John Kalas  
**Subject:** RE: Fwd: New History Entry for project P-1034

Kits: 100 (Extrapolated from the attached invoice) \$25.05 = \$2505

Arduino Kits: 100 @ \$16.45 = \$1645

RC Units: 100 @ \$5.30 = \$530

H-Bridge: 100 @ \$1.85 = \$185

Shipping: \$435 / 3 = \$145

Educator instruction: 30 x \$80 = \$2400

Banners and Signage from Zoo Printing: \$662

Tents from Walmart: 4 @ \$120 = \$480

Wood, paint, screws, hardware, parts, mini computers: \$1140.29

**Summary**

This pilot STEM program offered a hands-on experience in designing, engineering, and fabricating experiments to be tested in a high altitude atmosphere on the edge of space. It evolved to implement a robotics program that progresses into a space program. Starting off with an on-campus activity day at a school, we were able to familiarize students with the technology that would be utilized to implement the program. We then provided professional development to school educators where we instructed how to implement the technology in the classroom. This was significantly more cost effective, much more feasible to implement, and to date, was able to reach more than ten times as many students.

Brian Alvara  
President

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www.STEAMMakerWorkshop.com  
www.STEAMMaker.org Made by MAKERS, Powered by STEAM.  
www.3RsRobotics.com Educational Robotics and other Fun Stuff.

If STEAM is the education of youth and Maker is the creativity of adolescence then Entrepreneur is the resulting adult.

----- Original Message -----

Subject: RE: Fwd: New History Entry for project P-1034

From: John Kalas <JKalas@cbmgmt.com>

Date: Thu, June 23, 2016 11:54 am

To: "brian@steammaker.org" <brian@steammaker.org>

Can you put a short narrative of the program at the bottom?