Proposal and Budget for MakerSpace Donor

Projects made by typical Makerspaces utilize common tools and supplies in new ways and uncommon ones to build surprising new things. Our Makerspace will need to purchase and acquire tools, a storage shed to keep the tools in. and materials for the students to create their projects. Typically, as a project gets more complex, it tends to become more expensive to build. So greater support from your organization will make more ambitious projects possible.

For example, a grant at the $17,000 level would furnish the Makerspace shop with a laser cutter, which would allow students to create parts for their project out of plastic and wood that are cut very precisely. At the $25,000 level, the Makerspace's shop would be fully equipped with a set of tools which would allow students to build in wood, metal, and plastic as well as design parts on a CAD workstation.

$2,000 donation	Compound Miter Saw	$500
	Hand Tools	$150
	Arduino Microcontrollers	$150
	Student-generated list of consumable materials	$1,200
	All items above	***$2,000***
		+
$7,000 donation	Power Tools	$3,000
	Tool Storage Shed	$1,500
	Additional consumable materials needed for more complex projects	$500
	All items above	***$7,000***
		+
$17,000 donation	Epilog Zing24 Laser Cutter	$10,000
	All items above	**$17,000**
		+
$25,000 donation	2 CAD Workstations	$5,000
	Laser cutter accessories	$2,000
	Additional consumable materials needed for more complex projects	$1,500
	All items above	**$25,000**

Makerspace Member "Job Description"

Makerspace brings together like-minded young people, adult mentors, and fabrication facilities to help more kids make more things. Its collaborative community celebrates an open-ended culture of creativity, innovation, and experimentation, melding diverse disciplines—math, science, art. craft, engineering, green design, music, and more— into ambitious projects.

Summary
Members make a project to display at Maker Faire. while also learning new skills for making things.

Responsibilities
- Create something to display at Maker Faire: this can be in the areas of technology, art. craft, engineering, music, science, green design, or other Maker themes
- Document your project as you create it
- Work one-on-one with an expert and/or in groups to design and produce your project
- Improve / "plus" projects with helpful feedback and tips to others (while respecting their projects)
- Engage in your own learning and exploration
- Apply good time-management and project-planning skills (optional, but very helpful!)

Time Commitment
January-May 2017 / 6+ hours/month, plus project work time (increases just before Maker Faire)

Cost
Materials for projects are not provided and must be purchased by project team members (although some may be obtained through a donation from retailers or manufacturers.) Any members who cannot afford these costs will be considered for scholarships and discounts. (That is. nobody will be excluded from participation for financial reasons.)

Qualifications
- Aged 12 to 19. and in middle or high school
- A desire to bring to Maker Faire something you created yourself (and/or with a group)
- Enthusiasm and willingness to learn and make things
- Experience and/or strong interest in working with others
- Open to meeting new people and sharing ideas (i.e. you may not be a good fit if you consider yourself shy")
- A commitment to work as a team and to be a part of the Makerspace community

Benefits
- Priority admission to four Open Make: events at the Exploratorium. held monthly on the third Saturday
- Admission to Maker Faire for you and a parent: access to discounted tickets for additional guests
- Orientation to Makerspace by staff from Disney/Pixar, the Exploratorium. and or Make Magazine / Maker Faire.
- Training as needed, available, and appropriate. in the areas of technology, art. craft. engineering, music, science, green design, or other Maker themes
- A creative, supportive environment to explore one's own interests alongside others.
- Build something with expert help
- The opportunity to network with other members, program staff and mentors throughout the region