IPRO 333 Fabrication Laboratory

Sponsor: Museum of Science and Industry Instructors: Dr. Gatchell and Professor Davis



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Statement of Problem

• Develop Projects for Specific User Groups

 Organize and Prepare Lab for Users





Organization of Teams

Team Leaders:

Keenan Gottschall

Mike Gajdorus

Education and Projects

Leader-Paul Marks

Develop projects that adhere to Illinois Math and Science standards.

Organization Of Lab

Leaders-Keenan Gottschall, Mike Gajdorus Ready the Lab for safe, responsible use.

Marketing

Create a self-sustaining Fab Lab.

Goals of the IPRO



- Organization and Labeling of the Lab
- Get All Equipment Running
- Posting of Safety and Cleanliness Rules
- Development of User-Friendly Tutorials
- Project Development for Users



Progress

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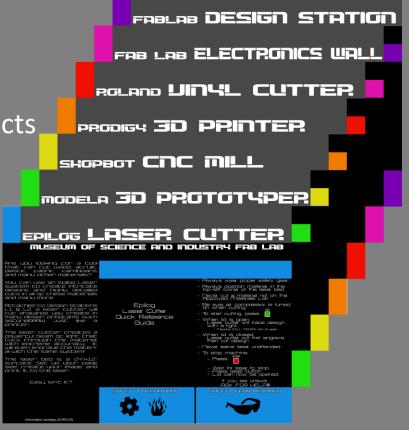
- Lab Inventoried, Organized and Labeled
- User Manuals Displayed



Progress

- Safety Items/Instructions Posted
- Marketing:
 - Identified target market;
 Associations, Organizations, and Artists
 - Created letter template for contacts
 - Created Fab Lab brochure

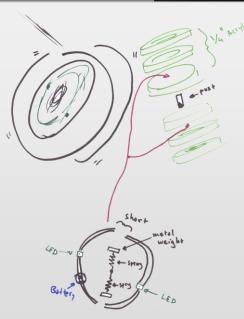


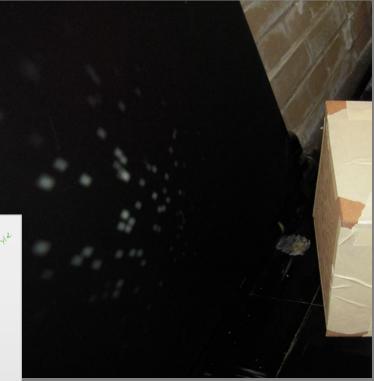


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Project Progress

- Late Elementary Project-Home Planetarium
- Middle School
 Project-YoYo



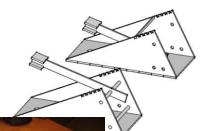




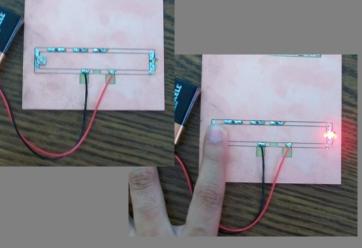
Project Progress

- Junior High School Project-Origin of Pi
- High School Projects
 - -Circuits

-Catapult



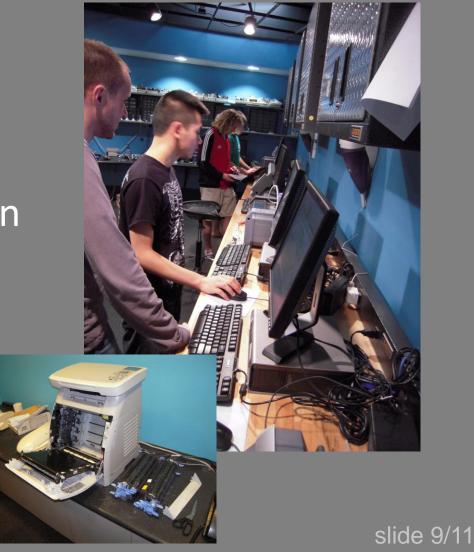






Obstacles

- Maintenance of Equipment
- Lack of Present Staff
- Broken Communication with Museum
- Lack of Equipment Knowledge





Anticipated Challenges



- Proactive Involvement with MSI
- Lack of Funding
- Project Development
- Implementation of User Programs
- Documentation for future IPRO 333
 Groups



Questions?



Dream IIT, Design IIT, Build IIT MSI-entists

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