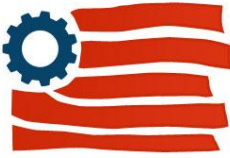


# Executive Summary

## Business Plan

Engineers of Tomorrow Team 2783

### Mission Statement:



**I**nnovating across multiple business functions  
**N**o boundaries  
**S**haping 'thought leaders' of the future  
**P**roducing student-community alliances  
**I**nvesting in youth, communities, and the future  
**R**elating technology to global market needs  
**E**veryone participates, grows, and succeeds

### Date Team Began:

May 2008

### Founders:

Lorinda Vance – team leader  
Frank Leucke – head mentor

### Team Members:

17 students  
1 University of Louisville professor  
1 University of Louisville Graduate student mentor  
1 BAE Systems mentor  
10 parent mentor/helpers

### Location:

LaGrange, Kentucky

### Team Growth:

2009 Rookie All-Stars  
2009 FRC Championship  
2010 continuation of sharing FIRST programs across the state

### Sponsors:

#### Major Sponsors:



Kentucky Engineering Foundation  
Heartland Payment Systems  
BAE Systems  
Gates Corporation  
Clifty Engineering  
Amgen  
Cherry House  
A & M Machine

2<sup>nd</sup> year sponsor  
2<sup>nd</sup> year sponsor  
2<sup>nd</sup> year sponsor  
1<sup>st</sup> year sponsor  
1<sup>st</sup> year sponsor  
1<sup>st</sup> year sponsor  
1<sup>st</sup> year sponsor  
1<sup>st</sup> year sponsor  
1<sup>st</sup> year sponsor  
1<sup>st</sup> year sponsor

#### Additional 2<sup>nd</sup> Year Sponsors

J.B. Speed School of Engineering  
American Nuclear Society  
Louisville Science Center

#### Additional 1<sup>st</sup> Year Sponsors

Mills Lawn & Landscaping  
Metal Supermarkets  
Teknon Controls, Inc

Chick-Fil-A  
Frank and JoAnn Luecke.  
Dr. Tony Karem  
Dave and Audrey Rasmusson  
Orr Safety

River Metals Recycling, LLC  
Kroger  
EA Games  
Unique Crafts  
Cherry House  
University of Kentucky

## Services Rendered:

### **Inspiring FIRST Growth by:**

- Aid Western Kentucky University in creating a Robotics Learning Environment to help spread FIRST/STEM programs across Kentucky
- Share FIRST programs with potential sponsors and mentors to create new teams results include Dow Corning \$20,000 grant to Carroll County schools creating 4 FIRST teams; Bullitt County Schools new FLL team
- Provide a two-part summer 2009 FLL workshop

### **Sponsoring and Mentoring**

- 2009/2010 Mentoring 2 Jr. FLL teams, 4 FLL teams, 1 FTC team, 1 FRC team
- 2008/2009 FLL Team CYBORGS 2nd Place State, US Open in Dayton, OH

**Creating and Hosting** Louisville's FLL state qualifying tournament 2008 and 2009

**Demonstrating** our FRC robot at various locations and events statewide

**Inspiring** FLL participants to continue with *FIRST* by sharing the FRC program

### **Community Involvement**

- Assist in development of microscope for research of Lyme Disease
- Assist in raising funds for medical care of home bound and uninsured.

## Future Plans:

**Motivate** community support through sharing the impact *FIRST* programs

**Share with others** *FIRST* and the FRC programs through various venues

**Mentoring** new and existing teams

**Inspire** the establishment of new FLL teams

**Host** Louisville area FLL state qualifying tournament and summer workshops

**Volunteer** within our community and share the skills *FIRST* is teaching us

**Recruit** continue to recruit and train new team members