Give Kids The World Village
Entrance Lighting Project

Problem:
New lighting is needed at the main entrance into Give Kids The World. The lights should accent any main landscaping there is as well as light up our two main entry signs. Architectural lighting could also be implemented along are main wall to add some color.

Scope of Work:
- **Research the problem** - Find out what is there now, what is wanted to stay, what is wanted to change and what existing facilities are available. For example:
  - Electricity sources
  - Type of lighting
  - Mounting locations and configurations
- **Develop Concept** - Come up with some feasible ideas to solve problem and choose the best concept
- **Design** - Take concept to design, develop theory of operation, produce documentation, determine materials, determine equipment
- **Presentation** - Present project to EAC for design review, approval and funding
- **Installation/Implementation** - develop installation schedule, support any craftsman/tradesman, update any documentation with changes

Team:
- **Mentor** - Electrical, Mechanical Engineering background
- **Students** - Electrical Engineering, Mechanical Engineering
- **Instructor**

Anticipated Schedule: (15 weeks)
- **Research Phase** - 2 weeks
- **Concept Phase** - 3 weeks
- **Design Phase** - 4 weeks
- **Presentation** - 1 week
- **Installation Phase** - 3 weeks
- **Finalizing project** - 2 weeks

Time Requirements:
- **7 EAC meetings** - 1 to 3 hours per meeting
- **Project Team meetings** - As required / TBD