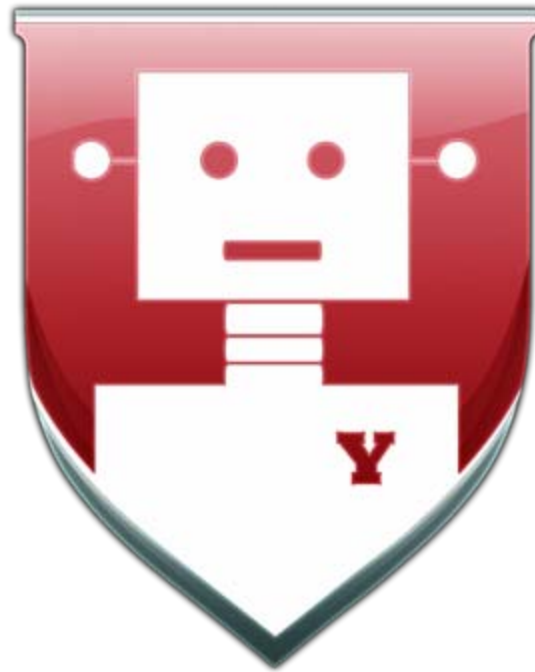


# Odyssey Symposium '09

Using robotics to enhance our curriculum



Mitchell  
Odyssey  
Foundation



BRITISH COLUMBIA  
INSTITUTE OF TECHNOLOGY

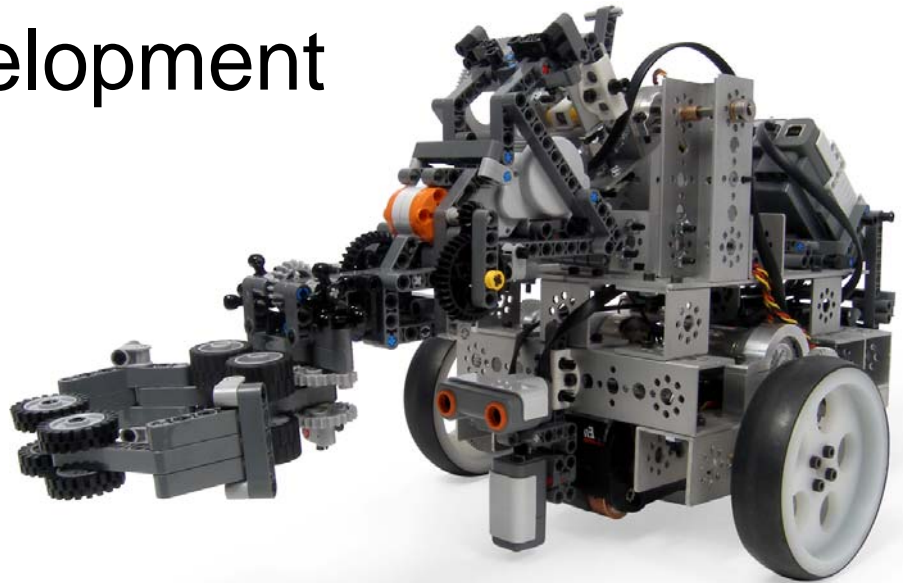


# Main Initiative

GearBots Robotics Engineering Program



- **Objective** - Promote STEM Education
  1. Courses for ages 9-18+
  2. Curriculum Development
  3. Professional Development
  4. Website



# What Is Working Well

GearBots Robotics Engineering Program



- Sustainable funding
- Community support
- Post Secondary Partnership
- Curriculum development
- Career Discovery tours

@ EA `09



# Program Challenges

GearBots Robotics Engineering Program



- Cost of equipment
- Perception of platform
- Learning curve
- Other initiatives

@ UFV Jan `09



# Impact of Program

GearBots Robotics Engineering Program



- Spreading STEM philosophy
- Post Secondary partnership
- Developing PULL factors
- Fostering creativity
- Curricular support

