## Plan for creating a McIntyre Library Makerspace

1. Investigate what others are doing
   1. Non-engineering schools with makerspaces
   2. Articles about makerspaces
   3. Nearby makerspaces
2. Build a case
   1. General Benefits
      1. Self-directed projects
      2. Problem solving skills
      3. Collaboration
   2. Meets institutional goals
      1. High impact projects
      2. Retention (extracurricular activities for STEM students)
   3. Find example projects
      1. Integration into curriculum
      2. Extracurricular projects
      3. Events (competitions, etc.)
      4. Training sessions / Presentations
3. Find allies
   1. Library staff
   2. Academic department faculty
   3. Administration
   4. Students
   5. Donors
   6. Marketing
4. Solidify support
   1. Invite speakers who have implemented makerspaces. Present to allies / campus
   2. Tour nearby makerspaces with Allies?
5. Determine funding avenues (dependent on support from allies)
   1. Library
   2. ITC
   3. Donors
   4. Administration
   5. Departments
6. Organize
   1. Form a committee composed of allies
   2. Determine needs, scope (wood, metals, video, audio, graphic, cloth, plastic, electronics, LEGO, etc.)
   3. Translate needs into specifics. (Desks, tools, walls, etc.)
   4. Create formal proposal / Plan of action