CONCEIVING
DESIGNING
BUILDING &
INTEGRATING
FABLABS AND MAKERSpaces
INTO THE FABRIC OF YOUR SCHOOL

BY
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WHO AM I?

- Carpenter by trade
- Autodidact
- Technology Enthusiast
- Workforce Development and Job Training
- Maker
WHAT IS A FABLAB/MAKERSPACE?

- A High-Tech Shop Class
- Project Based Individual Driven Lab
- Workshop that Inspires Innovation, Invention and Encourage Local Entrepreneurship.
- FabLab Grew out of an MIT Class Called "How to Make (Almost) Anything"
WHO

- Who is the faculty champion(s)?
- Who is going to operate the space?
- Who is going to use the space?
- Who is advising?
- Who is going to build the space?
WHAT

What are you going to build?

• A FabLab
• A Makerspace
• A partnership with an outside space
• Something else

What tools do you want?

• 3D Printers
• 3D Scanners
• Laser Cutters
• CNC Table Router
• Electronics Bench
• Soft Goods
• Vinyl Cutter
• Hand and Power Tools
**WHERE**

- **Where Will the Space Be Located?**
  - Off-Campus
  - On-Campus
  - Library
  - Near CTE Departments

**CONSIDERATIONS FOR LOCATION**

- **Enough Square Footage (Room for Growth)?**
- **Can You Make Noise?**
- **Can It Get Dirty?**
- **Is There Access for Big Equipment?**
- **Power?**
- **Ventilation?**
- **Separation of Space?**
WHEN

- **When is Your Target Opening Date?**
- **Will it be a Soft Opening?**
- **What is the Timeline for Implementation?**
WHY

• What do you want to get out of the space?
  • Job Placements
  • Higher Graduation Rate
  • Enhanced Curriculum
  • Entrepreneurs
  • Community Involvement
  • 4 Year Transfers
THANK YOU

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