1. Thinking About Tools and Toolkits

Pick a tool or toolkit that you're thinking of adding to your lab: _____

Assess it:

Threshold

high threshold — low threshold



Walls

narrow walls — wide walls



Ceiling

low ceiling — high ceiling



What is the tool's or technology's added value?

2. Equipment List by Section

Below is a listing of the most typical sections of a lab, along with a general price range for equipping them.

$	$0 - $250	**$$$$**	$1000 - $2000
$$	$250 - $500	**$$$$$**	$2000 - $4000
$$$	$500 - $1000	**$$$$$$**	$4000 - $8000

	Equipment	Consumable
Crafting/Prototyping	$	$$
Safety	$	$
Maintenance & Organization	$$$	$
Furniture	$$$$	$
Laser Cutting	$$$$$$	$$
2D Modeling	$	$
Vinyl Cutting	$$$$	$$
Life Sciences	$	$
CNC	$$$$$	$
3D Printing	$$$$	$
3D Modeling	$	$
Vacuum Forming	$$$$	$
Computers	$$$$$$	$
Handtools	$$$$	$
Electronics	$$$	$$$
Robotics	$$$$	$$$
Sewing	$$$	$
Toy kits, toolkits	$$$$	$$

Copyright FabLearn / Stanford University 2017

3. Your Situation

Rate the importance of each of these sections in your lab, keeping in mind your lab's stated goals:

(1 - Less important,
5 - More important)

Section	Importance					Reason (Why?)
Crafting/Prototyping	1	2	3	4	5	
Safety	1	2	3	4	5	
Maintenance & Organization	1	2	3	4	5	
Furniture	1	2	3	4	5	
Laser Cutting	1	2	3	4	5	
2D Modeling	1	2	3	4	5	
Vinyl Cutting	1	2	3	4	5	
Life Sciences	1	2	3	4	5	
CNC	1	2	3	4	5	
3D Printing	1	2	3	4	5	
3D Modeling	1	2	3	4	5	
Vacuum Forming	1	2	3	4	5	
Computers	1	2	3	4	5	
Handtools	1	2	3	4	5	
Electronics	1	2	3	4	5	
Robotics	1	2	3	4	5	
Sewing	1	2	3	4	5	
Toy kits, toolkits	1	2	3	4	5	

Copyright FabLearn / Stanford University 2017