

Library Innovation Studios -- Space Needs Chart

Last updated February 7, 2018

Approximate size of table/counter space needed for equipment/components included in the various stations

For sizes and weights of machines, please see the Equipment pages on our website at: <http://nlc.nebraska.gov/grants/InnovationStudios/Components/>

Note: This chart doesn't take into account space needed for chairs and users or space needed between stations to allow for adequate flow of patrons

Station Number	Components/Devices	Table Size (Width x Depth)	Additional Notes on Placement in your Library
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Stations are those that will be installed as a unit and remain set up throughout the hosting period.

Station 1	Makerbot Replicator+ 3D Printer & All-in-One Desktop Computer	6' x 3'	Not appropriate for a very small enclosed room.
Station 2	Universal Systems Laser Cutter VLS 2.30, BOFA air filtration system, and All-in-One Desktop Computer	6' x 3' plus 3' x 3' floor space	At most Studios the Laser Cutter sits on the BOFA unit that sits on the floor. The Studio with the smaller BOFA will place the laser on a 8' x 3' table with the BOFA unit next to the table using 2' x 2' of floor space.
Station 3	Graphtec CE6000-60 24" vinyl cutter, All-In-One Desktop Computer, and two Epson WF3620 Printers with Pigment and Sublimation Ink	8' x 3' plus 4' x 3' floor space	The two printers will be used to print heat transfers that can be used on the Heat Press. However they need to be located next to the vinyl cutter because the same computer that operates the vinyl cutter runs these printers. Locate the heat press elsewhere.
Station 4	Carvey Inventables Plug and Play CNC Router & All-in-One Desktop Computer	6' x 3'	
Station 5	bernette Chicago 7 Embroidery/Sewing Machine	4' x 2'	This machine can easily be moved if you want to move it.
Station 6	EnduraPRESS SA12 9" x 12" Swing Away Heat Press machine.	4' x 3'	This is a hot machine and it is best if it is not placed near foot traffic or close to the children's area. Don't locate too close to other machines so that it doesn't heat up other work areas.

Mobile Stations arrive in totes/containers and should be set out during weekly hours scheduled by the library and available for check out for in-library use.

Mobile Stations are generally not all in use at any one time so the same tables can be used for more than one Mobile Station.

Mobile Station 1	Lego Mindstorms EV3 Kit	6' x 3'	Allow more space with multiple users
Mobile Station 2	Fellowes Laminator Saturn 3i 125 (12.5" laminator)	3' x 2'	
Mobile Station 3	Arduino Starter Kit	3' x 2'	Allow more space with multiple users
Mobile Station 4	SparkFun Inventor's Kit	3' x 2'	Allow more space with multiple users
Mobile Station 5	MakeyMakey Kit	3' x 2'	Allow more space with multiple users
Mobile Station 6	Camera/Video Creator Kit with Green screen	4' x 3'	When using green screen, a 12' x 12' space is recommended.
Mobile Station 7	Music Kit with Keystation and Accessories	8' x 3'	If actual instruments are used, a room with a door is recommended.
Mobile Station 8	Soldering Station	2' x 2'	
Mobile Station 9	2.25" Button Maker Kit	4' x 3'	

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