



CLASSROOM ACTIVITY | RESOURCES

STEM Works: Hamilton Medical

Imagine you are an electromechanical assembler putting together life-saving equipment at Hamilton Medical. To keep the equipment safe for patients, you must make sure your work environment is clean and all your parts are in perfect condition. Complete the cryptogram puzzle below to decipher the vocabulary words that pertain to your job at Hamilton Medical.

A machine that helps patients breathe:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
		20										12							19		6				

M C V T T
 $\frac{\quad}{12 \quad 9 \quad 17 \quad 23 \quad 20 \quad 8 \quad 16}$ $\frac{\quad}{6 \quad 9 \quad 11 \quad 19 \quad 23 \quad 16 \quad 8}$ $\frac{\quad}{19 \quad 21 \quad 26}$

A person skilled in a specific task, such as the people who assemble medical equipment at Hamilton Medical:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
		20											1						13						

T C N C N
 $\frac{\quad}{13 \quad 19 \quad 20 \quad 22 \quad 1 \quad 12 \quad 20 \quad 12 \quad 17 \quad 1}$

Checking to make sure that a tool or machine operates within the correct measurements and parameters:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
	20	3											18				5								

C B R N
 $\frac{\quad}{3 \quad 25 \quad 7 \quad 16 \quad 20 \quad 5 \quad 25 \quad 12 \quad 16 \quad 4 \quad 18}$

These are the vocabulary words from the Hamilton Medical STEM Works video. Some, but not all, of these vocabulary words are the answers to the cyphers above.

Clean Room

Technician

Medical Ventilator

To assemble

STEM

Calibration



STEM Works

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ANSWER KEY: STEM Works: Hamilton Medical

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8		20	17	9				23			16	12	11	21			26		19		6				

M E D I C A L V E N T I L A T O R
 12 9 17 23 20 8 16 6 9 11 19 23 16 8 19 21 26

A person skilled in a specific task, such as the people who assemble medical equipment at Hamilton Medical:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
17		20		19			22	12					1						13						

T E C H N I C I A N
 13 19 20 22 1 12 20 12 17 1

Checking to make sure that a tool or machine operates within the correct measurements and parameters:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
25	20	3						16			7		18	4			5		12						

C A L I B R A T I O N
 3 25 7 16 20 5 25 12 16 4 18

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Clean Room

~~Technician~~

~~Medical Ventilator~~

To assemble

STEM

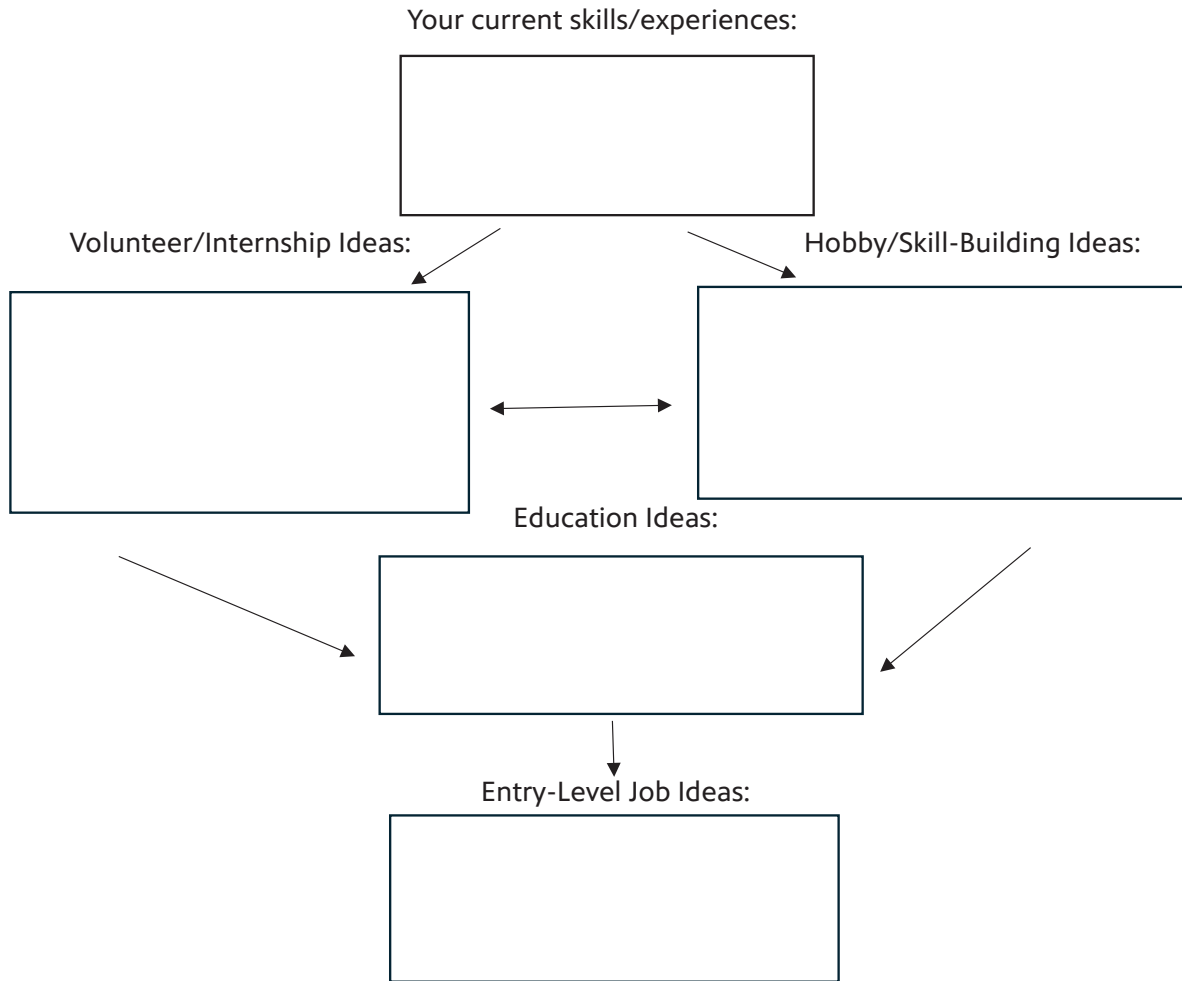
~~Calibration~~

STEM Works

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How can you work in this STEM Field?

Use the boxes below to brainstorm ways you can build on your current skills, gain experience and education, and make a STEM career in this field a reality!



Congratulations! You've been hired for your dream job at _____!

To explore career maps from some local Nevada educational institutions, check out these links:



[TMCC Career Mapping](#)



[WNC Academic Program Guide](#)



[UNR Career Exploration and Preparation](#)