Naı	Names/Team: Date:	Class:
	3D Bioprinting Parameters Work	sheet
an	As you complete the activity, keep track of the different parameters af and, ultimately, the final tissue printed. By the end of the activity, male explain to the class how you chose your parameters.	
1.	1. Pressure: How much did you have to squeeze the bag? Did you apply d kinds of materials?	ifferent pressure for different
2.	2. Speed: How quickly were you able to print your tissue? Did the process or slower?	improve if you printed faster
3.	3. Nozzle Diameter: Did you try using different nozzles when printing you the overall design of your tissue? Was it more difficult to print with a land	
4.	4. Height of the Nozzle from the Base: Was printing easier or more diffic farther from the stage? Did you make any changes to this throughout the do you think these changes helped you?	
5.	5. Nozzle Path: In what orientation did you print your tissue? Did you use	a specific pattern? Explain.
6.	6. Icing Viscosity: Did you make any modifications to your biomaterials to did this help your final tissue design?	o change the viscosity? How
7.	7. Troubleshooting: On the back of this worksheet, log and describe all the into when printing your tissue. Be prepared to discuss these with the class	