

Name: _____ Date: _____ Class: _____

Post-Activity Quiz

1. What type of printed tissue did you design? Name one important cellular and one important extracellular matrix (ECM) component found in your tissue.
2. What features of your tissue did you find hardest to print?
3. What did you find most challenging about using the 3D bioprinter?
4. How do you think you could improve upon your design? What would you do differently next time?

Optional Activity Extension

Choose another tissue that could be printed using a 3D bioprinter and develop a strategy to print it.

This may take a little research! Include:

- One important cell type
- One important ECM component
- How you would include at least one important feature of the tissue?
(For example, skin layers, bone layers, muscle striations.)