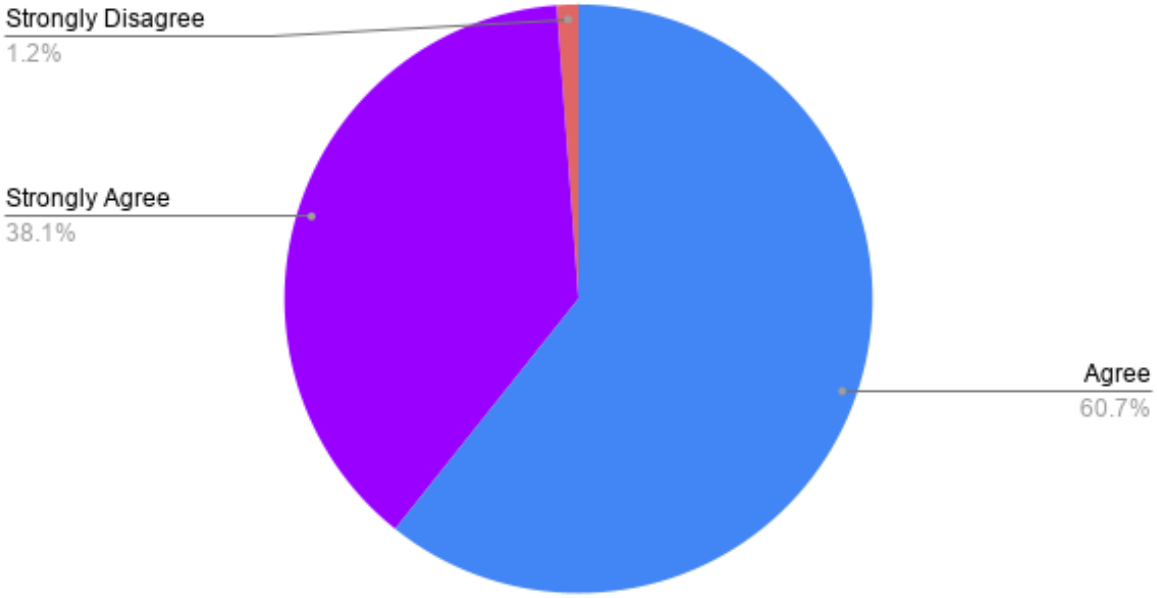
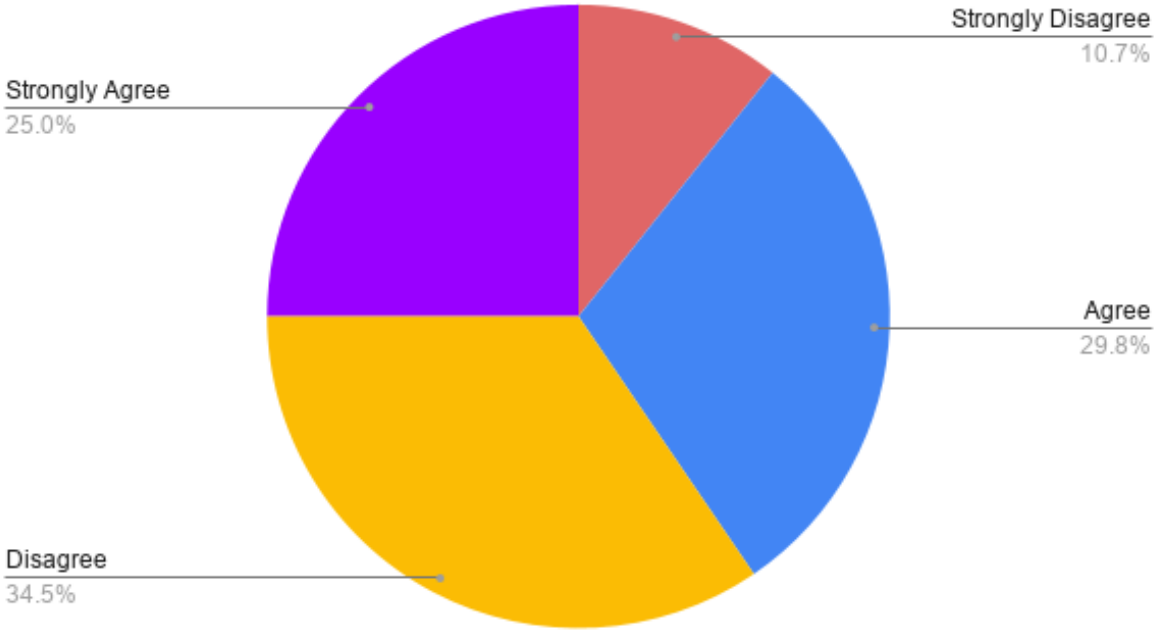
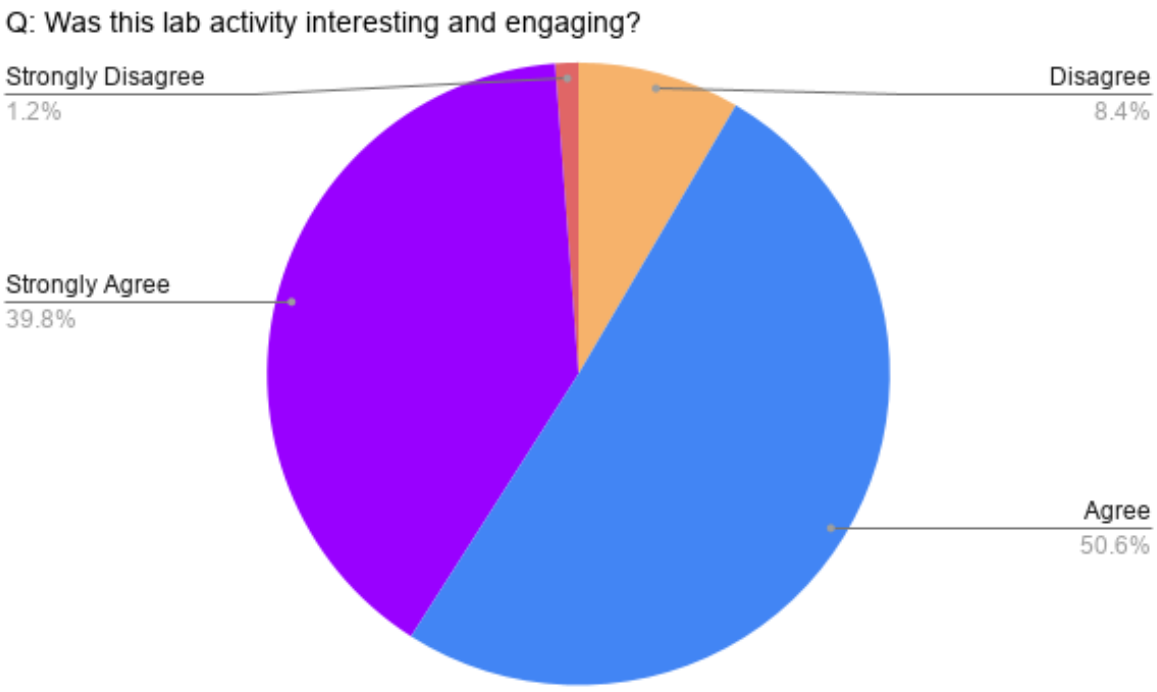
Summary of student feedback and survey responses (N=82)

Q: The plaster models and histological sections improved my understanding of the spatial and temporal changes that occur during frog embryonic development.



Q: Was there enough time to complete the lab activity?





Q: What do you think is beneficial about learning using this lab activity?

Selected student comments:

"The beneficial about learning using this lab activity is that we get to engage in group discussion, reconsolidating materials learned from lectures."

"Comparing the different blastula and gastrula stages with a physical 3-D model was very interesting. Seeing the model of an early stage and late blastula side by side made it easier for me to tell the difference between them. Likewise with the gastrulion models, seeing a transverse section of the inside and seeing the involution of the notochord mesoderm was nice."

"Actually seeing the plaster models of the frog embryos in combination with seeing them under the microscopes gave me a more comprehensive view of the movement of tissue within the embryo."

"Question and answer format helped me to think deeply about the material and recall information, which I find very helpful to my learning. Also, drawing pictures/diagrams helps me to remember content."