

Name: _____ Class: _____ Date: _____

2.3 Evidence-Based Arguments Tool for Meadow Simulation

Use your Predictions and Planning Tool and the 2.2 Meadow Simulation Worksheet. Complete this tool with patterns from class evidence, conclusions, and unanswered questions.

Question	Your Evidence: What did you find in your own investigation?	Conclusions: What patterns did most groups in the class observe?	Unanswered Questions: What do you still need to figure out?
1. What happens over 100 years when each population starts with an organic matter mass of 500?	What was the organic matter in each population after 100 years? Grass _____ Rabbits _____ Foxes _____	What happened to the amount of organic matter in each population (circle the best choices)? Grass: Increased Decreased Same Rabbits: Increased Decreased Same Foxes: Increased Decreased Same	
2. What settings lead to the highest fox organic matter after 100 years?	What was your largest fox organic matter after 100 years? _____ What initial settings did you use? Grass _____ Rabbits _____ Foxes _____	What was the upper limit on fox organic matter after 100 years? _____ How do the initial settings affect what happens to the different populations over time?	
3. What settings lead to all the foxes dying?	What initial settings did you use? Grass _____ Rabbits _____ Foxes _____	What patterns do you see when all the foxes die?	