

Lesson 2: Population Dynamics – Class Checkup Results
Georgia Life Science (Grade 7) Performance Standards Correlations

Standards Addressed:

S7CS3. Students will have the computation and estimation skills necessary for analyzing data and

following scientific explanations.

a. Analyze scientific data by using, interpreting, and comparing numbers in several

equivalent forms, such as integers, fractions, decimals, and percents.

b. Use the mean, median, and mode to analyze a set of scientific data.

c. Draw conclusions based on analyzed data.

S7CS6. Students will communicate scientific ideas and activities clearly.

b. Write for scientific purposes incorporating data from circle, bar and line graphs, two-way

data tables, diagrams, and symbols.

c. Organize scientific information using appropriate simple tables, charts, and graphs, and

identify relationships they reveal.

S7CS7. Students will question scientific claims and arguments effectively.

c. Question the value of arguments based on small samples of data, biased samples, or

samples for which there was no control.

Related Standards:

S7CS9. Students will investigate the features of the process of scientific inquiry.

Students will apply the following to inquiry learning practices:

b. Scientific investigations usually involve collecting evidence, reasoning, devising

hypotheses, and formulating explanations to make sense of collected evidence.

e. Accurate record keeping, data sharing, and replication of results are essential for

maintaining an investigator's credibility with other scientists and society.

f. Scientists use technology and mathematics to enhance the process of scientific inquiry.

S7L4. Students will examine the dependence of organisms on one another and their environments.

d. Categorize relationships between organisms that are competitive or mutually beneficial.