

Lesson 3: Scales and Spores!
Georgia Biology (Grades 9-12) Standards Correlations

Benchmarks for Science Literacy High School Science Descriptions

Life Sciences

Interdependence of Life

The concept of an ecosystem should bring coherence to the complex array of relationships among organisms and environments that students have encountered. Students' growing understanding of systems in general can suggest and reinforce characteristics of ecosystems-interdependence of parts, feedback, oscillation, inputs, and outputs. Stability and change in ecosystems can be considered in terms of variables such as population size, number and kinds of species, and productivity.

Standards Addressed:

SCSh3. Students will identify and investigate problems scientifically.

- c. Collect, organize and record appropriate data.
- e. Develop reasonable conclusions based on data collected.

Related Standards:

SB4. Students will assess the dependence of all organisms on one another and the flow to energy and matter within their ecosystems.

- a. Investigate the relationships among organisms, populations, communities, ecosystems, and biomes.

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Georgia Environmental Science (Grades 9-12) Standards Correlations

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Standards Addressed:

SCSh3. Students will identify and investigate problems scientifically.

- c. Collect, organize and record appropriate data.
- e. Develop reasonable conclusions based on data collected.

Related Standards:

SEV3. Students will describe stability and change in ecosystems.

- e. Describe interactions between individuals (i.e. mutualism, commensalism, parasitism, predation, and competition).