



Biology: *Bacillus sphaericus* Bioassay

Next Generation Sunshine State Standards

These NGSSS standards are taught or reinforced as a result of participating in this program.



SC.912.N.1.1- Use the scientific method and inquiry to solve scientific problems.

SC.912.L.17.5- Analyze how population size changes as a result of various factors.

SC.912.L.15.4- Describe how and why organisms are hierarchically classified.

SC.912.L.16.10- Evaluate the impact of biotechnology on the individual, society, and the environment, including medical and ethical issues.

SC.912.L.17.4 - Describe changes in ecosystems resulting from seasonal variations, climate change and succession.

SC.912.L.17.6- Compare and contrast the relationships among organisms, including predation, parasitism, competition, commensalism, and mutualism.

SC.912.L.17.15- Discuss the effects of technology on environmental quality.

SC.912.L.17.16- Discuss the large-scale environmental impacts resulting from human activity, including waste spills, oil spills, runoff, greenhouse gases, ozone depletion, and surface and groundwater pollution.

SC.912.L.17.17- Assess the effectiveness of innovative methods of protecting the environment.

HE.912.C.1.8- Analyze strategies for prevention, detection, and treatment of communicable and chronic disease.

